

UNIVERSIDADE DE BRASÍLIA
FACULDADE DE TECNOLOGIA
DEPARTAMENTO DE ENGENHARIA FLORESTAL

Regulação da produção de um povoamento de *Eucalyptus* spp. superestocado por meio de programação matemática

Estudante: Milena Bravim Rinco, matrícula 09/46974

Orientador: Prof. Renato Vinícius Oliveira Castro

Trabalho apresentado ao Departamento de Engenharia Florestal da Universidade de Brasília, como parte das exigências para a obtenção do título de Engenheira Florestal.

Brasília ó DF, junho de 2014

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Linha de Pesquisa: Manejo Florestal

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Estudante: Milena Bravim Rinco, 09/46974

Menção: _____

Aprovada por:

Prof. Mauro Eloi Nappo
Membro da Banca

Prof. Ricardo de Oliveira Gaspar
Membro da Banca

Doutorando Leonidas Soares Murta Júnior
Membro da Banca

Renato Vinícius Oliveira Castro
Orientador

Brasília, 19 de junho de 2014.

*Aos meus Pais,
Divaldo e Danusia, dedico.*

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SUMÁRIO

RESUMO.....	xi
ABSTRACT.....	0
1. INTRODUÇÃO	1
2. REVISÃO BIBLIOGRÁFICA	2
Manejo Florestal	2
Regulação Florestal.....	2
Programação Linear	4
Método Simplex (Colocar aplicações na regulação florestal).....	4
Modelo I, II e III	5
3. MATERIAIS E MÉTODOS	6
Dados	6
Avaliação Econômica	8
Regulação Florestal.....	10
4. RESULTADOS E DISCUSSÃO	12
5. CONCLUSÕES.....	19
6. REFERÊNCIAS BIBLIOGRÁFICAS	20

LISTA DE FIGURAS

Figura 1. Curvas de produção para as áreas de alta (S=31), média (S=25) e baixa (S=19) capacidade produtiva, na região Noroeste de Minas Gerais	7
Figura 2. Área total do povoamento em cada idade (anos).....	7
Figura 3. Área total do povoamento ao longo do horizonte de planejamento, após o uso da restrição área disponível para colheita.....	14
Figura 4. Produção do povoamento ao longo do horizonte de planejamento, após o uso da restrição área disponível para colheita.....	14
Figura 5. Área total do povoamento ao longo do horizonte de planejamento, após o uso das restrições imposição de cotas anuais e estrutura regulada.....	15
Figura 6. Produção do povoamento ao longo do horizonte de planejamento, após o uso das restrições imposição de cotas anuais e estrutura regulada.....	16
Figura 7. Variação da produção (%) ao longo do horizonte de planejamento, somente com a restrição área disponível para colheita.....	17
Figura 8. Variação da produção (%) ao longo do horizonte de planejamento, com as restrições de área disponível para colheita, imposição de cotas anuais e estrutura regulada.....	18
Figura 9. Variação da produção (%) ao longo do horizonte de planejamento, antes e após a regulação florestal.....	18

LISTA DE TABELAS

Tabela 1. Dados utilizados na análise econômica do manejo para produção de madeira.....9

APÊNDICE

Apêndice 1. Programação utilizada no programa Lingo.....	22
-----------------------------------------------------------------	----

RESUMO

O presente trabalho tem como objetivo principal regular um povoamento de *Eucalyptus* superestocado por meio de programação matemática. Os modelos foram construídos para uma empresa florestal localizada na região Noroeste do Estado de Minas Gerais, com uma área de produção de 5.762 hectares. Os povoamentos foram plantados em espaçamento de 3,0 x 2,0 m. A área foi estratificada em três classes de produtividade. A classe de alta produtividade contemplou uma área de 1.398 ha, e as classes de média e de baixa produtividade, áreas de 2.632 e 1.732 ha, respectivamente. Para a regulação da floresta foi utilizado o modelo I, com o objetivo de maximizar o valor presente líquido (VPL) e com as restrições de área disponível para colheita, imposição de cotas anuais, estrutura regulada e nível de demanda por produto. O VPL médio calculado para cada classe produtiva foi de R\$ 14.697,00, para classe de alta produtividade, R\$ 6.987,55 para a de média produtividade e R\$ -373,83 para a de baixa produtividade. O VPL global encontrado com apenas a restrição de área disponível para colheita foi de R\$ 47.177.991,50 e com a inclusão das restrições imposição de cotas anuais e estrutura regulada o VPL caiu para R\$ 34.937.522,00, mostrando uma redução de 25,9% do VPL global. Mesmo com esta queda no VPL estas restrições devem ser impostas para garantir uma floresta regulada ao final do horizonte de planejamento e ser possível atender a demanda pré-estabelecida pelos consumidores de madeira. A restrição nível de demanda por produto garantiria uma maior uniformidade de produção, entretanto ao utilizá-la o modelo não convergiu. Utilizando as restrições de área disponível para colheita, imposição de cotas anuais e estrutura regulada, mesmo sem a aplicação da restrição de demanda constante, o modelo de regulação florestal apresentou resultados satisfatórios para o problema da superestocagem da produção florestal.

Palavras-chave: superestocagem, regulação florestal, gerenciamento florestal, programação matemática.

ABSTRACT

This work has as main goal regular an Eucalyptus super stock forest through mathematical programming. The models were constructed for a forestry company located in the northwest of the state of Minas Gerais, with a production area of 5,762 hectares. Plantings were conducted with average spacing of 3.0 x 2.0 m. The area was stratified into three productivity classes. A class of high productivity included an area of 1,398 ha, and the classes medium and low productivity, areas of 2,632 and 1,732 ha, respectively. To regulate the forest model I was used with the objective of maximizing the net present value (NPV) and the constraints of area available for harvest value, imposing annual fees, regulated structure and level of demand for product. The average NAV calculated for each productive class was R \$ 14,697.00, for the class of high productivity, U.S. \$ 6987.55 for the average productivity and R \$ -373.83 to low productivity. The overall NPV found for the restricted area available for harvesting was R \$ 47,177,991.50, and the inclusion of restrictions imposed annual quota structure and regulated NPV dropped to R \$ 34,937,522.00, showing a decrease of 25.9% of the overall NPV. Even with this drop in NPV these restrictions should be imposed to ensure a regulated forest at the end of the planning horizon and be able to meet demand by consumers pre-established wood. The level of demand for product restriction would ensure greater uniformity of production, but to use it the model did not converge. Using the constraints of area available for harvest, imposing annual quotas and regulated structure, even without the restriction of constant demand, the model of forest regulation were satisfactory to the problem of super stock forest production results.

Key-words: super stock forest, forest regulation, forest management, mathematical programming.

1. INTRODUÇÃO

As empresas florestais, normalmente, enfrentam grandes problemas na organização do plantio e colheita de suas florestas. Isto acontece devido a problemas de má organização e planejamento da empresa florestal, gerando prejuízos para a mesma. Segundo Bettinger et. al (2009) a maioria das florestas manejadas é estruturada com classes irregulares de idade.

O manejador é obrigado a cortar a floresta antes (floresta subestocada) ou após (floresta superestocada) a idade técnica de corte, devido a problemas logísticos de corte dos povoamentos. Davis (1952) diz que as florestas superestocadas e subestocadas muitas vezes não mostram seus prejuízos em curto prazo, entretanto, num longo prazo, tais prejuízos podem ser grandes.

Quando a floresta passa da idade técnica de corte diz que ela está superestocada. O incremento médio anual ou mensal passa a decrescer, havendo perda de produtividade, não sendo vantajoso do ponto de vista econômico. Por ter menor produtividade, empresas com florestas superestocadas necessitam de maior área de plantio para suprir a demanda do mercado. Florestas superestocadas possuem crescimento reduzido (DAVIS, 1952).

A regulação florestal é a solução do problema da superestocagem de florestas e tem como objetivo gerir a produção de uma colheita previsível e sustentável de madeira (BETTINGER, et al., 2009).

Em uma floresta regulada as funções de rendimento são conhecidas sendo aplicáveis para qualquer intensidade de manejo, facilitando o trabalho do manejador. Apesar de uma estrutura totalmente regulada ser raramente possível, a aplicação dos métodos de regulação é pré-requisito para o estudo das mudanças ao longo do tempo que ocorrem em florestas (CLUTTER, et al., 1983).

O presente trabalho tem como objetivo regular um povoamento de *Eucalyptus* superestocado por meio de programação matemática, localizado na região Noroeste do Estado de Minas Gerais, conduzidos para produção de carvão vegetal sob regime de alto fuste.

2. REVISÃO BIBLIOGRÁFICA

Manejo Florestal

Manejo Florestal trata do gerenciamento dos recursos florestais. É o desenvolvimento e a aplicação de métodos quantitativos e conhecimentos ecofisiológicos, visando gerar produtos, serviços e, ou benefícios, diretos e indiretos, com a garantia de sustentabilidade econômica, social, ambiental, a partir de uma floresta (CAMPOS, et al., 2013).

Planejar e conduzir florestas, para atingir certos objetivos, requer decisões básicas sobre o tratamento a ser aplicado anualmente em cada unidade de manejo. Estas decisões não são simples de serem tomadas e necessitam de conhecimentos nas áreas de silvicultura e manejo florestal (CAMPOS, et al., 2013).

O manejador de uma floresta deve ter conhecimento sobre a melhor espécie ou clone a ser utilizado, o melhor espaçamento, a melhor intensidade de desbaste, o melhor plano de fertilização, a área a ser plantada para atingir a produção esperada, a rotação florestal de corte e colheita (CAMPOS, et al., 2013).

A quantificação de madeira para diferentes finalidades, atendimento de demandas periódicas para diferentes usos da madeira e clientes, análise de fluxo de caixa, planejamento da produção de forma sustentável, atendimento dos múltiplos objetivos da floresta, geração e avaliação de alternativas de manejo, posicionamento estratégico de venda ou aquisição de terras, simulação e avaliação de diferentes regimes de desbaste, são alguns dos problemas enfrentados pelos manejadores de floresta (RODRIGES, 2001) .

Regulação Florestal

O principal objetivo de se manejar florestas é garantir o fornecimento de madeira, recurso escasso, a custo baixo e com elevada qualidade. A regulação florestal proporciona um fluxo contínuo de matéria prima das florestas para as indústrias e os centros consumidores (ARAÚJO JÚNIOR, 2012).

A regulação florestal é dada pela organização e controle do estoque de crescimento da produção de produtos florestais a partir de uma área de florestal específica. Executa a tarefa vital de equilibrar o rendimento ou a produção da floresta com o crescimento ou a capacidade produtiva (MEYER, et al., 1961).

A regulação da produção florestal consiste em determinar a quantidade de madeira ou outro produto florestal a ser colhida, respeitando os objetivos da empresa ou organização

florestal. É uma das atividades mais complexas no planejamento florestal devido ao grande número de variáveis relacionadas ou envolvidas no processo (PIASSI, 2011).

O objetivo da regulação é atingir a produção mais eficiente de toda a floresta (MEYER, et al., 1961), organizar a produção, definindo quando o plantio deve ocorrer, o quanto se deve plantar, o local e como será executado e conduzido. Esta regulação garante uma uniformidade da produção em qualidade e quantidade, equilíbrio da receita e despesa, melhor controle de incêndios, doenças, além de produzir madeira sem superestocar.

A regulação de uma floresta depende de um bom gerenciamento com uma descrição detalhada da floresta, mapeamento da capacidade produtiva atual, definição clara da unidade de manejo, estabelecimento das prescrições de manejo para cada unidade e uso de tabelas de produção específicas para cada unidade (CAMPOS, et al., 2013). O tempo para transformar a floresta em uma estrutura regulada é denominado período de transição (CAMPOS, et al., 2013).

Para regular uma floresta é necessário que se estabeleça um horizonte de planejamento, que segundo Faro (1972), é o período em que o empreendimento irá operar, sendo intimamente relacionado com a vida econômica dos materiais envolvidos no projeto. Ao longo desse horizonte de planejamento o manejador tomará as decisões pertinentes como época de corte, plantios, intensidade de desbastes, tecnologias e variedades a serem utilizadas (RODRIGES, 2001). Ao final do horizonte de planejamento a floresta terá um valor que é denominado valor residual da floresta (CAMPOS, et al., 2013).

A rotação de corte, que também deve ser definida para a regulação da floresta, é o período de tempo entre o estabelecimento do povoamento até o corte raso, podendo ser definida com base na maximização da produtividade média (IMA ó incremento médio anual - ou IMM ó incremento médio mensal) ou no resultado da aplicação de algum critério econômico de avaliação de projetos (CAMPOS, et al., 2013).

O gerenciamento de recursos florestais tem sempre o propósito de maximizar os benefícios produzidos pela floresta, podendo ser de longo (estratégico), médio (tático) e curto prazo (operacional). Os modelos de planejamento estratégico possuem várias restrições em relação à produção e ao uso sustentável dos recursos naturais, sendo uma abstração do problema de planejamento florestal que pode ser resolvida por meio de métodos numéricos, considerando simultaneamente todas as unidades de manejo da floresta (BINOTI, 2010).

O planejamento estratégico tem como objetivo escolher o melhor plano de manejo, para cada unidade de manejo, por meio da avaliação de métodos matemáticos

utilizados para a alocação ótima dos recursos escassos. Os modelos numéricos fazem parte da pesquisa operacional (BINOTI, 2010), que é aplicada a problemas que envolvem a condução e coordenação das operações (atividades) em uma empresa (HILLIER, et al., 2010).

As fases usuais de um estudo da pesquisa operacional são (HILLIER, et al., 2010):

1. Definir o problema de interesse e coletar dados.
2. Formular um modelo matemático para representar o problema.
3. Desenvolver um procedimento computacional a fim de derivar soluções para o problema a partir do modelo.
4. Testar o modelo e aprimorá-lo conforme necessário.
5. Preparar-se para a aplicação contínua do modelo conforme prescrito pela gerência.
6. Implementar.

Programação Linear

A programação linear (PL) é um método numérico usado para a alocação ótima de recursos escassos para atividades que competem entre si, determinando quanto de cada recurso será consumida por atividade. Todas as funções matemáticas da PL devem ser lineares (HILLIER, et al., 2010). Como os recursos utilizados na produção florestal são escassos é possível aplicar a programação linear no manejo florestal.

Os modelos de programação linear devem possuir uma função objetivo linear sujeita a restrições lineares, respeitando as seguintes hipóteses (HILLIER, et al., 2010):

1. Proporcionalidade ó a contribuição de cada atividade ao valor da função objetivo, ou de uma restrição, é proporcional ao nível da atividade.
2. Aditividade ó toda função em um modelo de PL é a soma das contribuições individuais das respectivas atividades.
3. Divisibilidade ó as variáveis de decisão podem assumir quaisquer valores, inteiros ou fracionários.
4. Certeza ó o valor atribuído a cada parâmetro deve ser uma constante conhecida.

Método Simplex

O método simplex é muito eficiente sendo utilizado até hoje para solucionar problemas imensos nos computadores e foi desenvolvido por George Dantzig (1963). É um método bastante usado nas ciências florestais, por buscar a melhor solução de um problema de

maneira cíclica. É um procedimento algébrico, que utiliza conceitos geométricos (HILLIER, et al., 2010).

Para ser iniciado, o método simplex necessita conhecer uma solução compatível básica, ou solução inicial do sistema, ou seja, os pontos com as possíveis soluções devem ser conhecidos. O método simplex retornará a melhor solução dentre os pontos possíveis (PUCCINI, 1972).

O método simplex compreende os seguintes passos (PUCCINI, 1972):

1. Achar a solução compatível básica inicial.
2. Verificar se a solução atual é ótima. Se for, pare. Caso contrário, siga para o passo 3.
3. Achar a nova solução compatível básica, e voltar para o passo 2.

Modelo I, II e III

Os modelos I, II e III são os métodos para definir as variáveis de decisão nos problemas de programação linear (BETTINGER, et al., 2009). O modelo I é um dos métodos que utiliza variáveis de decisão que descrevem as ações para cada unidade de manejo, ao longo do horizonte de planejamento. A formulação básica é (BINOTI, 2010):

Maximizar:

$$Z = \sum_i \sum_j C_{ij} X_{ij} ,$$

sujeito a:

$$\sum_j X_{ij} = A_i$$

ou

Minimizar:

$$Z = \sum_i \sum_j C_{ij} X_{ij} ,$$

sujeito a:

$$\sum_j X_{ij} = A_i ,$$

em que:

Z = função objetivo maximizada ou minimizada;

C_{ij} = contribuição da unidade de manejo i e prescrição j para o valor da função objetivo;

X_{ij} = área da unidade de manejo i atribuída a prescrição j ;

A_i = área total da unidade de manejo i .

A definição se a função objetivo será maximizada ou minimizada depende de fatores econômicos, técnicos, financeiros, sociais e ambientais. As principais metas utilizadas pela equipe de planejamento são maximização do valor presente líquido, minimização do custo total, minimização do custo unitário da produção, maximização da produtividade, ou maximização da renda anual equivalente (BINOTI, 2010).

Segundo Bettinger et al. (2009) o modelo II é utilizado para problemas até a colheita final. É um modelo mais adequado para regime de gestão em floresta de mesma idade, normalmente utiliza menos variáveis de decisão. O modelo III é menos utilizado pois agrega somente estratos da mesma classe de idade. Embora, os modelos I e II possam parecer representar de forma eficiente um problema de planejamento, estes problemas tornam-se complicado quando há diferença na qualidade do sítio ou tipo de floresta (BETTINGER, et al., 2009).

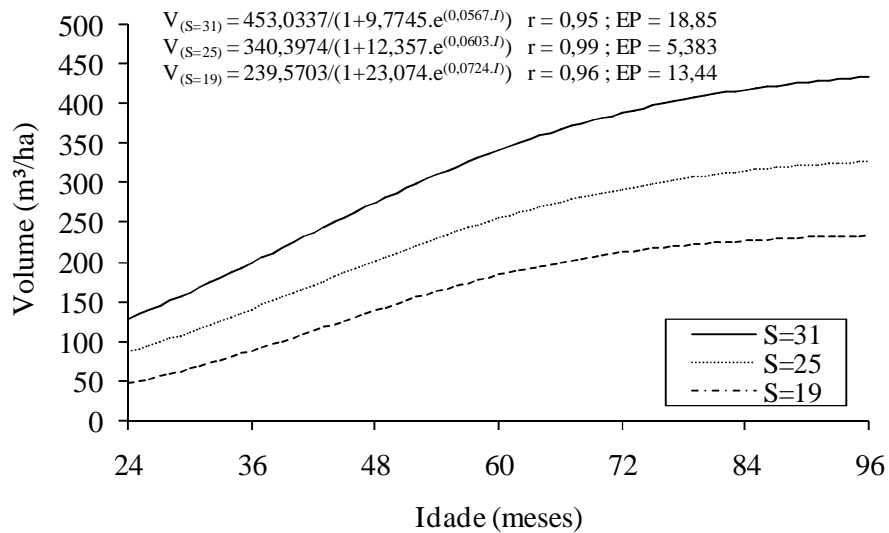
3. MATERIAIS E MÉTODOS

Dados

Os dados utilizados neste estudo referem-se a povoamentos de híbridos clonais de *Eucalyptus* spp. não desbastados, pertencentes à uma empresa florestal localizada na região Noroeste do Estado de Minas Gerais (17° 36' de latitude Sul e 46° 42' de longitude Oeste), conduzidos para produção de carvão vegetal sob regime de alto fuste. O clima da região é o tropical úmido de savana, com inverno seco e verão chuvoso, do tipo Aw, conforme a classificação de Köppen. A temperatura média anual é de 22,6° C, tendo uma média mensal de 18° C na estação mais fria e 29,1° C na mais quente. A precipitação média anual é de 1.450 mm, apresentando precipitações médias mensais inferiores a 60 mm nos meses mais secos. A vegetação remanescente é constituída por cerrados, representada por seus vários tipos, desde campos a cerradões e florestas ciliares subperenifólias (MACEDO et al., 2005).

A área de produção avaliada foi de 5.762 hectares. Os povoamentos foram plantado em espaçamento de 3,0 x 2,0 m. A área foi, inicialmente, estratificada em três classes de produtividade (alta, média e baixa). A classe de alta produtividade (S=31

m³/ha/ano) contemplou uma área de 1.398 ha, e as classes de média (S=25 m³/ha/ano) e de baixa produtividade (S=19 m³/ha/ano), áreas de 2.632 e 1.732 ha, respectivamente. As curvas de crescimento em volume em cada classe de produtividade foram descritas pelo modelo Logístico e pelo método da curva guia (Figura 1).



V = volume em m³; I = idade em meses, r = coeficiente de correlação e EP = erro padrão da estimativa.

Figura 1. Curvas de produção para as áreas de alta (S=31 m³/ha/ano), média (S=25 m³/ha/ano) e baixa (S=19 m³/ha/ano) capacidade produtiva, na região Noroeste de Minas Gerais.

A distribuição da área por classe de idade pode ser visto na Figura 2.

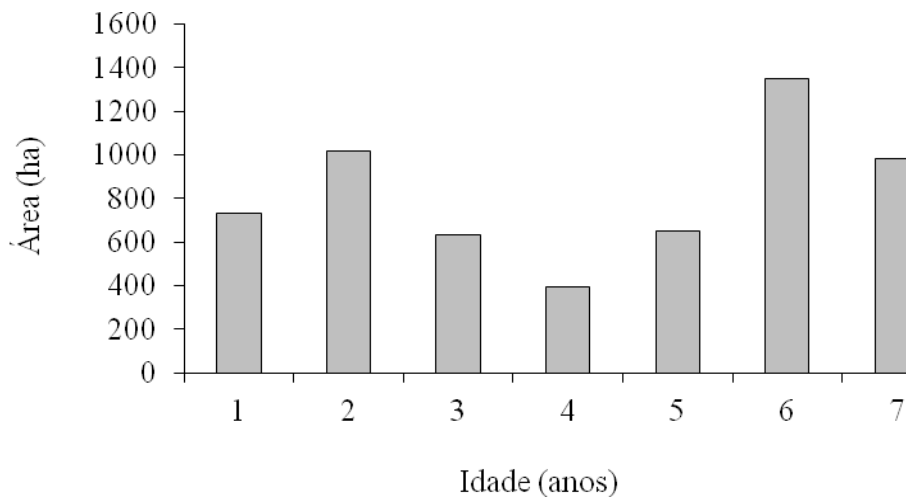


Figura 2. Área total do povoamento em cada idade (anos).

Avaliação Econômica

Para a análise econômica do empreendimento foi calculado, para cada cenário, o valor presente líquido (VPL), por:

$$VPL = \sum_{j=1}^n R_j(1+i)^{-j} - \sum_{j=1}^n C_j(1+i)^{-j}$$

em que:

R = receitas;

C = despesas;

i = a taxa de juros;

n = o número de anos até a incidência do custo ou receita.

Os custos de implantação, manutenção e colheita que serão utilizados nas análises encontram-se na Tabela 1, obtida na empresa em estudo. A receita após o processamento da madeira é de R\$ 60,00/m³. A taxa de juros considerada é de 6,0% ao ano, considerando uma taxa de inflação zero.

Tabela 1. Dados utilizados na análise econômica do manejo para produção de madeira.

Ano	Atividade/Insumo	Valor	Unidad
0	1° Combate Formigas:	65,00	(R\$/ha)
0	2° Combate Formigas:	30,00	(R\$/ha)
0	3° Combate Formigas:	15,00	(R\$/ha)
0	Roçada mecânica área total	50,00	(R\$/ha)
0	Aplicação de calcário em área total	35,00	(R\$/ha)
0	Aplicação de herbicida em área total	35,00	(R\$/ha)
0	Gradagem na linha p subsolagem	45,00	(R\$/ha)
0	Subsolagem c/ Fosfatagem	150,00	(R\$/ha)
0	Plantio:	90,00	(R\$/ha)
0	Replantio:	30,00	(R\$/ha)
0	Adubação Manual(NPK):	80,00	(R\$/ha)
0	Capina Química na linha:	100,00	(R\$/ha)
0	Transporte de mudas p/ campo:	15,00	(R\$/ha)
0	Desbrota na linha com enxada:	90,00	(R\$/ha)
0	Roçada mecânica na entre linha:	45,00	(R\$/ha)
0	Aplicação herbicida entre linha	45,00	(R\$/ha)
0	Aplicação herbicida na linha (costal)	100,00	(R\$/ha)
0	Cuidados com depósito de mudas	10,00	(R\$/ha)
0	Adubação de cobertura (90 dias manual)	80,00	(R\$/ha)
0	Irrigação (1x)	120,00	(R\$/ha)
0	Adubo NPK 06-30-06 + Micros	150,00	(R\$/ha)
0	Fosfato reativo-Gafsa ou Arad	301,00	(R\$/ha)
0	Cupinicida Confidor(Bayer)	35,00	(R\$/ha)
0	Isca Formicida(Atta-mex)	65,00	(R\$/ha)
0	Formicida em pó	3,00	(R\$/ha)
0	Herbicida Glifosato	72,00	(R\$/ha)
0	Herbicida pré-emergente	50,00	(R\$/ha)
0	Condicionador de solo (gel)	30,00	(R\$/ha)
0	Adubo NPK 20-00-20 + micros	216,00	(R\$/ha)
0	Mudas clonais	437,50	(R\$/ha)
Subtotal Ano 0		2589,50	(R\$/ha)
1	Herbicida + adubo +formicida +mão-de-obra + conservação de	550,00	(R\$/ha)
Subtotal Ano 1		550,00	(R\$/ha)
2	Herbicida + adubo +formicida +mão-de-obra + conservação de	350,00	(R\$/ha)
Subtotal Ano 2		350,00	(R\$/ha)
3	Formicida + mão de obra + conservação de aceiros	100,00	(R\$/ha)
Subtotal Ano 3		100,00	(R\$/ha)
4	Formicida + mão de obra + conservação de aceiros	100,00	(R\$/ha)
Subtotal Ano 4		100,00	(R\$/ha)
5	Formicida + mão de obra + conservação de aceiros	100,00	(R\$/ha)
Subtotal Ano 5		100,00	(R\$/ha)
6	Formicida + mão de obra + conservação de aceiros	100,00	(R\$/ha)
Subtotal Ano 6		100,00	(R\$/ha)
7	Formicida + mão de obra + conservação de aceiros	100,00	(R\$/ha)
Subtotal Ano 7		100,00	(R\$/ha)
8	Formicida + mão de obra + conservação de aceiros	100,00	(R\$/ha)
Subtotal Ano 8		100,00	(R\$/ha)
1 a n*	Terra	224,00	(R\$/ha)
1 a n	Administração	80,00	(R\$/ha)
0 e n	Licenças, taxas	100,00	(R\$/ha)
n	Roçada pré-corte	90,00	(R\$/ha)
n	Colheita e extração	19,00	R\$/m ³
Taxa de Juros		0,06	a.a.
Preço da Madeira**		60,00	R\$/m ³

* idade de corte; ** cortada e empilhada

Para cada unidade de manejo (talhão) foram avaliadas as diferentes opções de manejo (idades de corte de 4, 5 ou 6 anos). O modelo I será utilizado com o objetivo da maximização do valor presente líquido ao longo do horizonte de planejamento. O modelo matemático é descrito, de forma geral pela seguinte fórmula:

$$Max. Z = \sum_{i=1}^M \sum_{j=1}^N C_j X_{ij}$$

$$s. a: \sum_{i=1}^M \sum_{j=1}^N X_{ij} = S_i$$

em que:

C_{ij} = valor presente líquido do fluxo de caixa de cada hectare de classe de idade i e manejada sob prescrição j , calculado ao longo do horizonte de planejamento mais o valor presente líquido do estoque final;

X_{ij} = parcela da área da classe de idade i assinalada à prescrição de manejo j ;

S_i = área total da classe de idade i no início do horizonte de planejamento;

M = número de classes de idade i no início do horizonte de planejamento;

N = total de prescrição de manejo.

Regulação Florestal

O horizonte de planejamento utilizado foi de 16 anos, que segundo Leuschner (1990) deve ser estar entre $\frac{1}{2}$ a 2 rotações de corte. Entretanto como a floresta estava superestocada em demasia, foram utilizados 3 rotações. As operações de corte ocorreram uma vez por ano, no início do ano, sendo o corte seguido de imediato reforma do povoamento.

O problema apresentado resume-se em determinar a área que deverá ser colhida e reformada durante o horizonte de planejamento em todas as opções de manejo proposta, de modo que a soma do VPL seja maximizada ao longo do horizonte de planejamento (CAMPOS, et al., 2013).

Para a solução do problema, foi utilizado o algoritmo simplex implementado no software Lingo®, com uma função objetivo de maximização do valor presente líquido, sujeito às seguintes restrições (CAMPOS e LEITE, 2013):

a) Área disponível para colheita

É a área total disponível para cada talhão, não podendo as prescrições ultrapassar esta área.

$$\sum_{i=1}^M \sum_{j=1}^N X_{ij} = S_i$$

em que:

X_{ij} = parcela da área da classe de idade i assinalada à prescrição de manejo j ;

S_i = área total da classe de idade i no início do horizonte de planejamento.

b) Imposição de Cotas Anuais

Esta restrição garante um fluxo regular de produção a cada período de colheita, através da imposição de níveis de oscilações permitidos. O controle sobre o fluxo de produção durante o horizonte de planejamento pode ser imposto usando-se as seguintes formulações:

$$V_H(K + 1) \geq (1 - \alpha)V_{HK} \quad K = 1 \dots (H - 1)$$

$$V_H(K + 1) \leq (1 + \beta)V_{HK} \quad K = 1 \dots (H - 1)$$

em que:

V = variação de volume;

H = período no horizonte de planejamento

= a máxima redução fracional tolerável para a variação do volume (V) entre dois períodos;

= o máximo aumento fracional tolerável para a variação do volume (V) entre dois períodos.

Inicialmente, serão aceitas oscilações de $\pm 20\%$ entre cada ano, mas se o modelo não convergir, maiores taxas serão avaliadas.

c) Estrutura Regulada

A opção mais comumente adotada para obter uma floresta regulada ao final do horizonte de planejamento consiste na inclusão de restrições que imponham uma

distribuição adequada de classes de idade para o inventário final. Assim a formulação de cada restrição segue:

$$\sum_{i=1}^M \sum_{j=1}^N X_{ijK} = \frac{S}{NC}, (K = 1, \dots, NC)$$

em que:

X_{ijK} = parcela da área da classe de idade i assinalada à prescrição de manejo j , cujas árvores terão K períodos (anos) de idade ao final do horizonte de planejamento;

S = área total da floresta

NC = número total de classes de idade.

d) Nível de Demanda por produto

Seja D_K o nível de demanda de um dado produto no período K . Uma restrição que garante que no mínimo esta demanda seja atendida é dada pela expressão:

$$\sum_{i=1}^M \sum_{j=1}^N V_{ijK} X_{ij} \geq D_K$$

em que:

D_K = demanda do produto no período k

X_{ij} = parcela da área da classe de idade i assinalada à prescrição de manejo j ;

V_{ijK} = volumene da classe de idade i assinalada à prescrição de manejo j , cujas árvores terão K períodos (anos) de idade ao final do horizonte de planejamento.

4. RESULTADOS E DISCUSSÃO

O VPL médio calculado para cada classe produtiva considerando o preço da madeira de R\$ 60,00/m³, independente da idade da floresta, e a uma taxa de juros de 6% ao ano foi de R\$ 14.697,00, para classe de alta produtividade, R\$ 6.987,55 para a de média produtividade e R\$ -373,83 para a de baixa produtividade.

Quanto maior o VPL, mais atrativo será o projeto. Quando o VPL for negativo, o projeto será economicamente inviável (REZENDE, et al., 2011). Logo, produzir madeira em área de baixa produtividade não é viável economicamente. Entretanto empresas florestais optam por produzir madeira em área de baixa produtividade, mesmo sendo economicamente inviável, para garantir o estoque da matéria prima e não depender da

oferta do mercado florestal. Este resultado reitera o que diz Campos e Leite (2013) sobre a importância de se conhecer a capacidade produtiva de cada unidade de manejo.

A formulação do modelo de regulação florestal resultou em um problema com 5.063 variáveis de decisão, que tiveram que ser estratificados em 19 partes - conjunto de talhões ó pois o software disponível, Lingo®, só resolve problemas com até 300 variáveis de decisão. A estratificação foi feita de acordo com a classe produtiva, subdividindo as classes de alta, média e alta capacidade produtiva.

O VPL global, a produção e a área nos períodos do horizonte de planejamento foram obtidos pelo somatório das 19 partes. O apêndice I mostra o modelo completo (as equações, as restrições e a função objetivo) utilizado no software, com as 19 partes estratificadas.

Para a solução do problema de maximização do VPL foram usadas as restrições de área disponível, imposição de cotas anuais, exigência de uma estrutura regulada e nível de demanda por produto.

a) Área disponível para colheita

O VPL global encontrado quando incluída apenas a restrição de área disponível para a colheita foi de R\$ 47.177.991,50.

A Figura 3 mostra a distribuição de áreas de corte e a Figura 4, o volume disponível durante o horizonte de planejamento. Observa-se que a distribuição de áreas e volume não é homogênea.

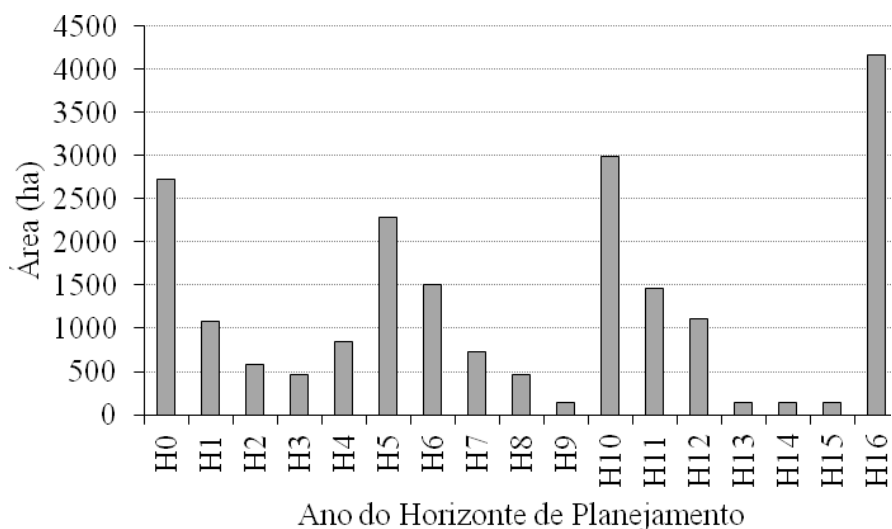


Figura 3. Área total do povoamento ao longo do horizonte de planejamento, após o uso da restrição área disponível para colheita.

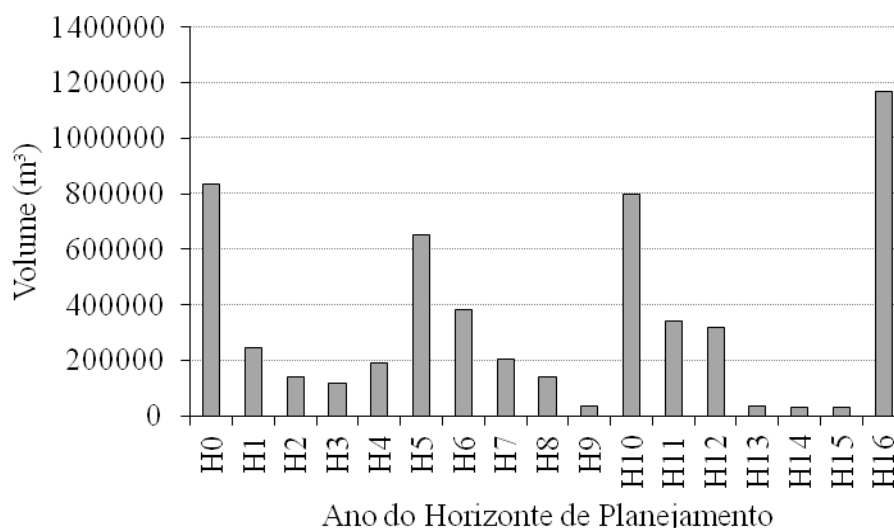


Figura 4. Produção do povoamento ao longo do horizonte de planejamento, após o uso da restrição área disponível para colheita.

A utilização apenas da restrição de área disponível para colheita apresentou área e produção irregular, com má distribuição dos serviços, não sendo suficiente para regular a floresta.

b) Imposição de cotas anuais e Estrutura regulada.

O VPL global encontrado pelas aplicações das restrições imposição de cotas anuais e estrutura regulada foi de R\$ 34.937.522,00, mostrando uma redução de 25,9% do VPL global em relação ao encontrado utilizando somente a área disponível para colheita como restrição. Este resultado já era esperado, pois Segundo Campos e Leite (2013) a imposição de restrições penaliza sobremaneira a função objetivo.

Mesmo com esta queda no VPL estas restrições devem ser impostas para garantir uma floresta regulada ao final do horizonte de planejamento e ser possível atender a demanda pré-estabelecida pelos consumidores de madeira.

A Figura 5 mostra a área total do povoamento ao longo do horizonte de planejamento, após o uso das restrições área disponível para a colheita, imposição de cotas anuais e estrutura regulada e a Figura 6 mostra o volume disponível ao longo do horizonte de planejamento, após o uso das restrições área disponível para a colheita, imposição de cotas anuais e estrutura regulada. É possível observar uma melhora na homogeneidade da distribuição de áreas e volumes quando comparado com as Figuras 3 e 4.

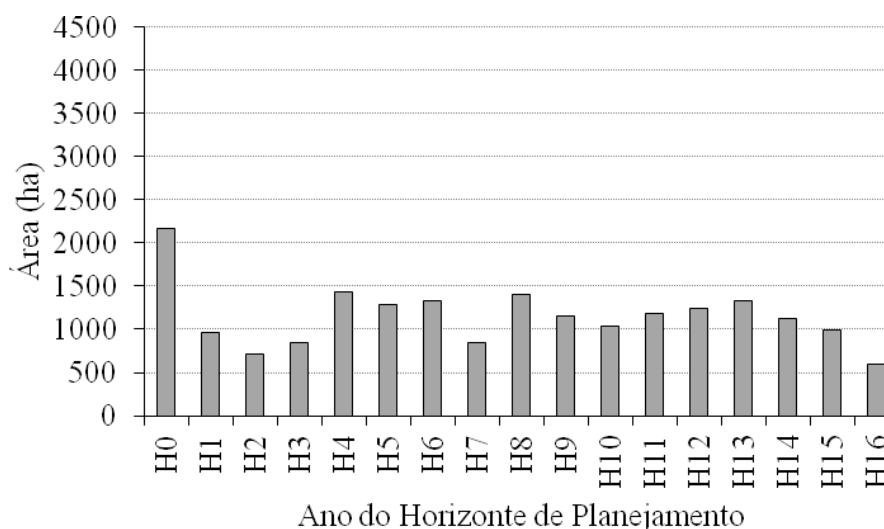


Figura 5. Área total do povoamento ao longo do horizonte de planejamento, após o uso das restrições área disponível para a colheita, imposição de cotas anuais e estrutura regulada.

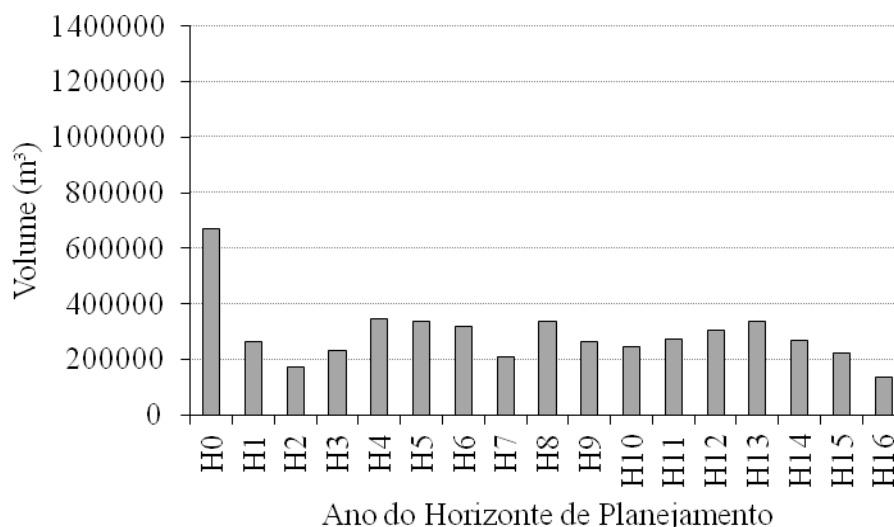


Figura 6. Produção do povoamento ao longo do horizonte de planejamento, após o uso das restrições área disponível para a colheita, imposição de cotas anuais e estrutura regulada.

Comparando os gráficos das figuras 3 e 5 e os das figuras 4 e 6, pode-se observar que a estrutura de área e volume foi regulada. Entretanto, pequenos picos ainda de produção ainda são existentes.

Segundo Campos e Leite (2013) a restrição de estrutura regulada é uma das opções mais comumente usada para obter uma floresta regulada ao final de um horizonte de planejamento finito, pois distribui adequadamente as classes de idade para o inventário final.

c) Nível de demanda por produto.

Esta restrição garantiria uma maior uniformidade de produção. Entretanto ao utilizá-la o modelo não convergiu. Inicialmente foram estabelecidas variações máximas aceitáveis da demanda, entre períodos consecutivos, de $\pm 20\%$, mas o modelo não convergiu. A variação foi aumentada gradativamente para até $\pm 50\%$ e mesmo assim o modelo não convergiu.

Segundo Clutter et al., (1983) uma estrutura totalmente regulada é raramente possível. Utilizando as restrições de área disponível para colheita, imposição de cotas anuais e estrutura regulada, mesmo sem a aplicação da restrição de demanda constante, o modelo de regulação florestal apresentou resultados satisfatórios para o problema da superestocagem da produção florestal.

A Figura 7 mostra a variação da produção (%) ao longo do horizonte de planejamento, somente com a restrição área disponível para colheita. É possível observar que há uma grande amplitude dos valores que variaram de 0 a 3928,%. Com a aplicação das outras restrições, imposição de cotas anuais e estrutura regulada, esta amplitude diminuiu significativamente, variando de 2 a 62% (Figura 8). A Figura 9 mostra a variação da produção ao longo do horizonte de planejamento, antes e após a regulação florestal, ilustrando como a regulação florestal diminui a variação na produção.

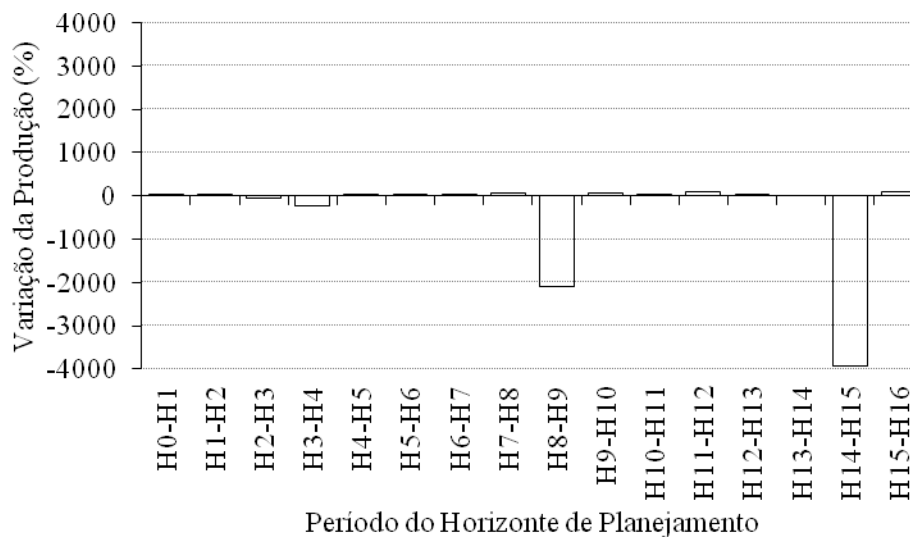


Figura 7. Variação da produção (%) ao longo do horizonte de planejamento, somente com a restrição área disponível para colheita.

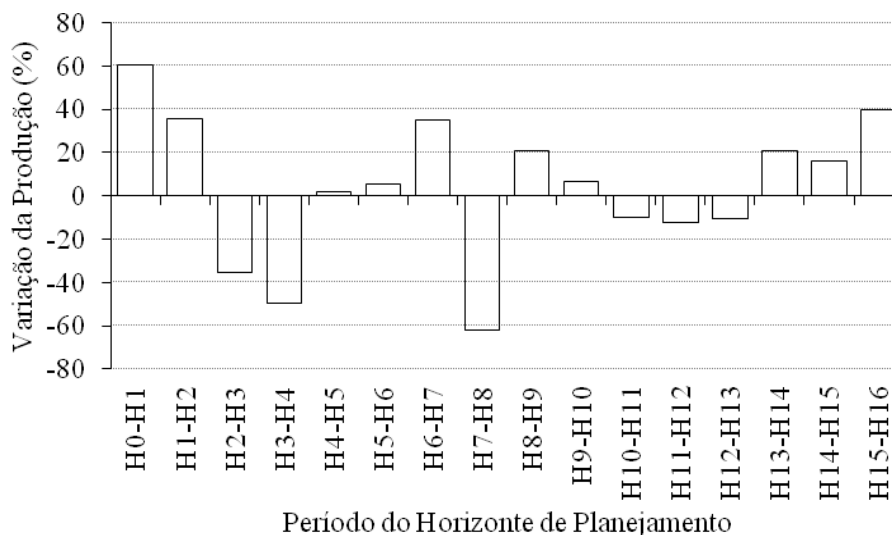


Figura 8. Variação da produção (%) ao longo do horizonte de planejamento, com as restrições de área disponível para colheita, imposição de cotas anuais e estrutura regulada.

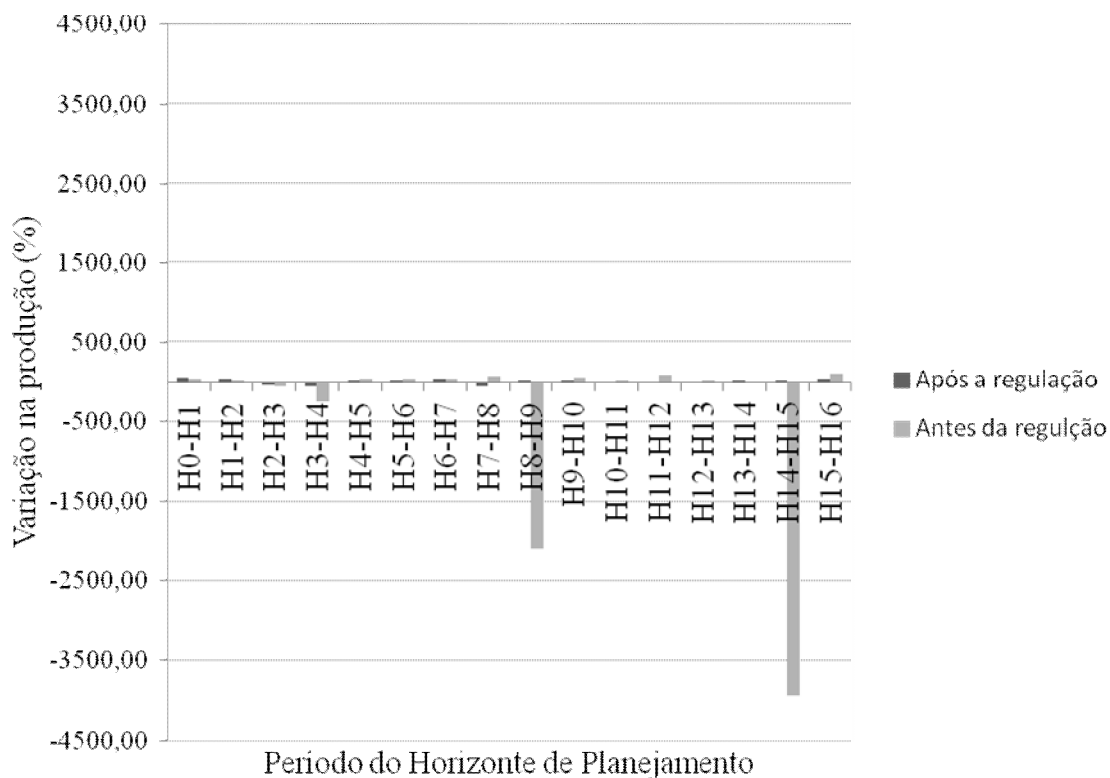


Figura 9. Variação da produção (%) ao longo do horizonte de planejamento, antes e após a regulação florestal.

Analisando os resultados obtidos é possível concluir que o problema de superestocagem foi resolvido, sendo possível regular a floresta estudada. Com a floresta regulada é possível ter um fluxo contínuo de matéria prima das florestas para as indústrias e os centros consumidores (ARAÚJO JÚNIOR, 2012), equilibrar a produção da floresta com o crescimento ou capacidade produtiva (MEYER, et al., 1961), ter uma produção sustentável (BINOTI, 2010).

Outras vantagens da floresta regulada são a de equilibrar as receitas e despesas da empresa, ter um melhor controle de incêndios ataque de insetos e pragas e função da distribuição de idade e tamanho das árvores, produzir madeira a partir de um estoque de madeira em crescimento não maior que o necessário, ter base estável de emprego.

Após alguns anos é necessário aplicar novamente o modelo, pois devido a problemas logísticos, muitas vezes não é possível seguir as prescrições de corte. Neste período a floresta não estará mais tão estocada como de início, tornado possível a aplicação da restrição de demanda constante.

5. CONCLUSÕES

A regulação florestal, apesar de sua complexidade, é muito eficiente para se ter um fluxo contínuo de matéria prima das florestas, sendo a programação linear é capaz de regular florestas superestocadas.

Mesmo não sendo possível estabelecer a restrição de demanda constante, a aplicação das restrições de área disponível para colheita, imposição de cotas anuais e estrutura foi satisfatória para resolver o problema da superestocagem do povoamento florestal.

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APÊNDICE I

Parte 1

MAX

17123.35X1+16956.88X2+16451.31X3+16998.35X4+16861.25X5+16659.44X6+16435.18X7+16580.99X8+16991.1X9+17050.7X10+16913.61X11+16711.8X12+16952.73X13+17098.53X14+17508.64X15+16696.58X16+17434.63X17+17434.63X18+16414.82X19+16560.63X20+16970.74X21+16597.54X22+17335.59X23+16956.38X24+17123.35X25+16956.88X26+16451.31X27+16998.35X28+16861.25X29+16659.44X30+16435.18X31+16580.99X32+16991.1X33+17050.7X34+16913.61X35+16711.8X36+16952.73X37+17098.53X38+17508.64X39+16696.58X40+17434.63X41+17434.63X42+16414.82X43+16560.63X44+16970.74X45+16597.54X46+17335.59X47+16956.38X48+17123.35X49+16956.88X50+16451.31X51+16998.35X52+16861.25X53+16659.44X54+16435.18X55+16580.99X56+16991.1X57+17050.7X58+16913.61X59+16711.8X60+16952.73X61+17098.53X62+17508.64X63+16696.58X64+17434.63X65+17434.63X66+16414.82X67+16560.63X68+16970.74X69+16597.54X70+17335.59X71+16956.38X72+17123.35X73+16956.88X74+16451.31X75+16998.35X76+16861.25X77+16659.44X78+16435.18X79+16580.99X80+16991.1X81+17050.7X82+16913.61X83+16711.8X84+16952.73X85+17098.53X86+17508.64X87+16696.58X88+17434.63X89+17434.63X90+16414.82X91+16560.63X92+16970.74X93+16597.54X94+17335.59X95+16956.38X96+17123.35X97+16956.88X98+16451.31X99+16998.35X100+16861.25X101+16659.44X102+16435.18X103+16580.99X104+16991.1X105+17050.7X106+16913.61X107+16711.8X108+16952.73X109+17098.53X110+17508.64X111+16696.58X112+17434.63X113+17434.63X114+16414.82X115+16560.63X116+16970.74X117+16597.54X118+17335.59X119+16956.38X120+7027.64X121+6940.76X122+6598.61X123+7021.24X124+6986.99X125+6928.04X126+6674.2X127+6905.72X128+7647.47X129+7122.84X130+7088.6X131+7029.65X132+7164.52X133+7396.04X134+8137.79X135+7100.95X136+8116.73X137+8116.73X138+6769.62X139+7001.14X140+7742.89X141+7072.77X142+8088.55X143+7810.16X144+7027.64X145+6940.76X146+6598.61X147+7021.24X148+6986.99X149+6928.04X150+6674.2X151+6905.72X152+7647.47X153+7122.84X154+7088.6X155+7029.65X156+7164.52X157+7396.04X158+8137.79X159+7100.95X160+8116.73X161+8116.73X162+6769.62X163+7001.14X164+7742.89X165+7072.77X166+8088.55X167+7810.16X168+17123.35X169+16956.88X170+16451.31X171+16998.35X172+16861.25X173+16659.44X174+16435.18X175+16580.99X176+16991.1X177+17050.7X178+16913.61X179+16711.8X180+16952.73X181+17098.53X182+17508.64X183+16696.58X184+17434.63X185+17434.63X186+16414.82X187+16560.63X188+16970.74X189+16597.54X190+17335.59X191+16956.38X192+12078.31X193+12816.36X194+12851.17X195+12294.11X196+12895.13X197+12728.65X198+12223.09X199+12277.02X200+12139.93X201+11938.12X202+12290.74X203+12124.26X204+11618.7X205+12165.73X206+12028.64X207+11826.83X208+11602.57X209+11748.38X210+12158.49X211+11028.98X212+10891.89X213+10690.08X214+10931.01X215+11076.82X216+11486.93X217+10674.87X218+11412.91X219+7516.89X220+7430.01X221+7087.87X222+7510.49X223+7476.25X224+7417.29X225+7163.45X226+7394.97X227+8136.72X228+7612.09X229+7577.85X230+7518.9X231+7653.77X232+7885.29X233+8627.04X234+7590.2X235+8605.98X236+8605.98X237+7258.87X238+7490.39X239+8232.14X240+7562.02X241+8577.8X242+8299.41X243+4723.68X244+5739.46X245+5807.04X246+5393.78X247+5892.34X248+5805.47X249+5463.32X250+5473.9X251+5439.65X252+5380.7X253+5448.63X254+5361.76X255+5019.61X256+5442.23X257+5407.99X258+5349.04X259+5095.19X260+5326.71X261+6068.47X262+4551.22X263+4516.98X264+4458.03X265+4592.9X266+4824.42X267+5566.17X268+4529.33X269+5545.11X270

ST

X1+X2+X3+X4+X5+X6+X7+X8+X9+X10+X11+X12+X13+X14+X15+X16+X17+X18+X19+X20+X21+X22+X23+X24=21.2
X25+X26+X27+X28+X29+X30+X31+X32+X33+X34+X35+X36+X37+X38+X39+X40+X41+X42+X43+X44+X45+X46+X47+X48=22.56
X49+X50+X51+X52+X53+X54+X55+X56+X57+X58+X59+X60+X61+X62+X63+X64+X65+X66+X67+X68+X69+X70+X71+X72=48
X73+X74+X75+X76+X77+X78+X79+X80+X81+X82+X83+X84+X85+X86+X87+X88+X89+X90+X91+X92+X93+X94+X95+X96=48
X97+X98+X99+X100+X101+X102+X103+X104+X105+X106+X107+X108+X109+X110+X111+X112+X113+X114+X115+X116+X117+X118+X119+X120=48
X121+X122+X123+X124+X125+X126+X127+X128+X129+X130+X131+X132+X133+X134+X135+X136+X137+X138+X139+X140+X141+X142+X143+X144=48
X145+X146+X147+X148+X149+X150+X151+X152+X153+X154+X155+X156+X157+X158+X159+X160+X161+X162+X163+X164+X165+X166+X167+X168=48
X169+X170+X171+X172+X173+X174+X175+X176+X177+X178+X179+X180+X181+X182+X183+X184+X185+X186+X187+X188+X189+X190+X191+X192=49
X193+X194+X195+X196+X197+X198+X199+X200+X201+X202+X203+X204+X205+X206+X207+X208+X209+X210+X211+X212+X213+X214+X215+X216+X217+X218+X219=24.6
X220+X221+X222+X223+X224+X225+X226+X227+X228+X229+X230+X231+X232+X233+X234+X235+X236+X237+X238+X239+X240+X241+X242+X243=12.8
X244+X245+X246+X247+X248+X249+X250+X251+X252+X253+X254+X255+X256+X257+X258+X259+X260+X261+X262+X263+X264+X265+X266+X267+X268+X269+X270=37.3

VH0+418.15X1+418.15X2+418.15X3+418.15X4+418.15X5+418.15X6+418.15X7+418.15X8+418.15X9+418.15X10+418.15X11+418.15X12+418.15X13+418.15X14+418.15X15+418.15X16+418.15X17+418.15X18+418.15X19+418.15X20+418.15X21+418.15X22+418.15X23+418.15X24+418.15X25+418.15X26+418.15X27+418.15X28+418.15X29+418.15X30+418.15X31+418.15X32+418.15X33+418.15X34+418.15X35+418.15X36+418.15X37+418.15X38+418.15X39+418.15X40+418.15X41+418.15X42+418.15X43+418.15X44+418.15X45+418.15X46+418.15X47+418.15X48+418.15X49+418.15X50+418.15X51+418.15X52+418.15X53+418.15X54+418.15X55+418.15X56+418.15X57+418.15X58+418.15X59+418.15X60+418.15X61+418.15X62+418.15X63+418.15X64+418.15X65+418.15X66+418.15X67+418.15X68+418.15X69+418.15X70+418.15X71+418.15X72+418.15X73+418.15X74+418.15X75+418.15X76+418.15X77+418.15X78+418.15X79+418.15X80+418.15X81+418.15X82+418.15X83+418.15X84+418.15X85+418.15X86+418.15X87+418.15X88+418.15X89+418.15X90+418.15X91+418.15X92+418.15X93+418.15X94+418.15X95+418.15X96+418.15X97+418.15X98+418.15X99+418.15X100+418.15X101+418.15X102+418.15X103+418.15X104+418.15X105+418.15X106+418.15X107+418.15X108+418.15X109+418.15X110+418.15X111+418.15X112+418.15X113+418.15X114+418.15X115+418.15X116+418.15X117+418.15X118+418.15X119+418.15X120+315.79X121+315.79X122+315.79X123+315.79X124+315.79X125+315.79X126+315.79X127+315.79X128+315.79X129+315.79X130+315.79X131+315.79X132+315.79X133+315.79X134+315.79X135+315.79X136+315.79X137+315.79X138+315.79X139+315.79X140+315.79X141+315.79X142+315.79X143+315.79X144+315.79X145+315.79X146+315.79X147+315.79X148+315.79X149+315.79X150+315.79X151+315.79X152+315.79X153+315.79X154+315.79X155+315.79X156+315.79X157+315.79X158+315.79X159+315.79X160+315.79X161+315.79X162+315.79X163+315.79X164+315.79X165+315.79X166+315.79X167+315.79X168+418.15X169+418.15X170+418.15X171+418.15X172+418.15X173+418.15X174+418.15X175+418.15X176+418.15X177+418.15X178+418.15X179+418.15X180+418.15X181+418.15X182+418.15X183+418.15X184+418.15X185+418.15X186+418.15X187+418.15X188+418.15X189+418.15X190+418.15X191+418.15X192+293.27X220+293.27X221+293.27X222+293.27X223+293.27X224+293.27X225+293.27X226+293.27X227+293.27X228+293.27X229+293.27X230+293.27X231+293.27X232+293.27X233+293.27X234+293.27X235+293.27X236+293.27X237+293.27X238+293.27X239+293.27X240+293.27X241+293.27X242+293.27X243=0

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VH3+275.81X193+275.81X194+275.81X195+275.81X196+275.81X197+275.81X198+275.81X199+275.81X200+275.81X201+275.81X202+202.22X244+202.22X245+202.22X246+202.22X247+202.22X248+202.22X249+202.22X250+202.22X251+202.22X252+202.22X253=0
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VH4+275.81X1+275.81X2+275.81X3+275.81X4+275.81X5+275.81X6+275.81X7+275.81X8+275.81X9+275.81X25+275.81X26+275.81X27+275.81X28+275.81X29+275.81X30+275.81X31+275.81X32+275.81X33+275.81X49+275.81X50+275.81X51+275.81X52+275.81X53+275.81X54+275.81X55+275.81X56+275.81X57+275.81X73+275.81X74+275.81X75+275.81X76+275.81X77+275.81X78+275.81X79+275.81X80+275.81X81+275.81X97+275.81X98+275.81X99+275.81X100+275.81X101+275.81X102+275.81X103+275.81X104+275.81X105+202.22X121+202.22X122+202.22X123+202.22X124+202.22X125+202.22X126+202.22X127+202.22X128+202.22X129+202.22X145+202.22X146+202.22X147+202.22X148+202.22X149+202.22X150+202.22X151+202.22X152+202.22X153+275.81X169+275.81X170+275.81X171+275.81X172+275.81X173+275.81X174+275.81X175+275.81X176+275.81X177+341.82X203+341.82X204+341.82X205+341.82X206+341.82X207+341.82X208+341.82X209+341.82X210+341.82X211+202.22X220+202.22X221+202.22X222+202.22X223+202.22X224+202.22X225+202.22X226+202.22X227+202.22X228+255.68X254+255.68X255+255.68X256+255.68X257+255.68X258+255.68X259+255.68X260+255.68X261+255.68X262=0
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VH5+341.82X10+341.82X11+341.82X12+341.82X13+341.82X14+341.82X15+341.82X16+341.82X17+341.82X18+341.82X34+341.82X35+341.82X36+341.82X37+341.82X38+341.82X39+341.82X40+341.82X41+341.82X42+341.82X58+341.82X59+341.82X60+341.82X61+341.82X62+341.82X63+341.82X64+341.82X65+341.82X66+341.82X82+341.82X83+341.82X84+341.82X85+341.82X86+341.82X87+341.82X88+341.82X89+341.82X90+341.82X106+341.82X107+341.82X108+341.82X109+341.82X110+341.82X111+341.82X112+341.82X113+341.82X114+255.68X130+255.68X131+255.68X132+255.68X133+255.68X134+255.68X135+255.68X136+255.68X137+255.68X138+255.68X154+255.68X155+255.68X156+255.68X157+255.68X158+255.68X159+255.68X160+255.68X161+255.68X162+341.82X178+341.82X179+341.82X180+341.82X181+341.82X182+341.82X183+341.82X184+341.82X185+341.82X186+388.96X212+388.96X213+388.96X214+388.96X215+388.96X216+388.96X217+388.96X218+388.96X219+255.68X229+255.68X230+255.68X231+255.68X232+255.68X233+255.68X234+255.68X235+255.68X236+255.68X237+293.27X263+293.27X264+293.27X265+293.27X266+293.27X267+293.27X268+293.27X269+293.27X270=0
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VH6+388.96X19+388.96X20+388.96X21+388.96X22+388.96X23+388.96X24+388.96X43+388.96X44+388.96X45+388.96X46+388.96X47+388.96X48+388.96X67+388.96X68+388.96X69+388.96X70+388.96X71+388.96X72+388.96X91+388.96X92+388.96X93+388.96X94+388.96X95+388.96X96+388.96X115+388.96X116+388.96X117+388.96X118+388.96X119+388.96X120+293.27X139+293.27X140+293.27X141+293.27X142+293.27X143+293.27X144+293.27X163+293.27X164+293.27X165+293.27X166+293.27X167+293.27X168+388.96X187+388.96X188+388.96X189+388.96X190+388.96X191+388.96X192+293.27X238+293.27X239+293.27X240+293.27X241+293.27X242+293.27X243=0
-VH7+275.81X193+275.81X194+275.81X195+275.81X196+202.22X244+202.22X245+202.22X246+202.22X247=0
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VH8+275.81X1+275.81X2+275.81X3+275.81X25+275.81X26+275.81X27+275.81X49+275.81X50+275.81X51+275.81X73+275.81X74+275.81X75+275.81X97+275.81X98+275.81X99+202.22X121+202.22X122+202.22X123+202.22X145+202.22X146+202.22X147+275.81X169+275.81X170+275.81X171+341.82X197+341.82X198+341.82X199+275.81X203+275.81X204+275.81X205+202.22X220+202.22X221+202.22X222+255.68X248+255.68X249+255.68X250+202.22X254+202.22X255+202.22X256=0
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VH9+341.82X4+341.82X5+341.82X6+275.81X10+275.81X11+275.81X12+341.82X28+341.82X29+341.82X30+275.81X34+275.81X35+275.81X36+341.82X52+341.82X53+341.82X54+275.81X58+275.81X59+275.81X60+341.82X76+341.82X77+341.82X78+275.81X82+275.81X83+275.81X84+341.82X100+341.82X101+341.82X102+275.81X106+275.81X107+275.81X108+255.68X124+255.68X125+255.68X126+202.22X130+202.22X131+202.22X132+255.68X148+255.68X149+255.68X150+202.22X154+202.22X155+202.22X156+341.82X172+341.82X173+341.82X174+275.81X178+275.81X179+275.81X180+388.96X200+388.96X201+388.96X202+341.82X206+341.82X207+341.82X208+275.81X212+275.81X213+275.81X214+255.68X223+255.68X224+255.68X225+202.22X229+202.22X230+202.22X231+293.27X251+293.27X252+293.27X253+255.68X257+255.68X258+255.68X259+202.22X263+202.22X264+202.22X265=0
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VH10+388.96X7+388.96X8+388.96X9+341.82X13+341.82X14+341.82X15+275.81X19+275.81X20+275.81X21+388.96X31+388.96X32+388.96X33+341.82X37+341.82X38+341.82X39+275.81X43+275.81X44+275.81X45+388.96X55+388.96X56+388.96X57+341.82X61+341.82X62+341.82X63+275.81X67+275.81X68+275.81X69+388.96X79+388.96X80+388.96X81+341.82X85+341.82X86+341.82X87+275.81X91+275.81X92+275.81X93+388.96X103+388.96X104+388.96X105+341.82X109+341.82X110+341.82X111+275.81X115+275.81X116+275.81X117+293.27X127+293.27X128+293.27X129+255.68X133+255.68X134+255.68X135+202.22X139+202.22X140+202.22X141+293.27X151+293.27X152+293.27X153+255.68X157+255.68X158+255.68X159+202.22X163+202.22X164+202.22X165+388.96X175+388.96X176+388.96X177+341.82X181+341.82X182+341.82X183+275.81X187+275.81X188+275.81X189+388.96X209+388.96X210+388.96X211+341.82X215+341.82X216+341.82X217+293.27X226+293.27X227+293.27X228+255.68X232+255.68X233+255.68X234+202.22X238+202.22X239+202.22X240+293.27X260+293.27X261+293.27X262+255.68X266+255.68X267+255.68X268=0
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VH11+388.96X16+388.96X17+388.96X18+341.82X22+341.82X23+388.96X40+388.96X41+388.96X42+341.82X46+341.82X47+388.96X64+388.96X65+388.96X66+341.82X70+341.82X71+388.96X88+388.96X89+388.96X90+341.82X94+341.82X95+388.96X112+388.96X113+388.96X114+341.82X118+341.82X119+293.27X136+293.27X137+293.27X138+255.68X142+255.68X143+293.27X160+293.27X161+293.27X162+255.68X166+255.68X167+388.96X184+388.96X185+388.96X186+341.82X190+341.82X191+275.81X193+275.81X194+388.96X218+388.96X219+293.27X235+293.27X236+293.27X237+255.68X241+255.68X242+202.22X244+202.22X245+293.27X269+293.27X270=0
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VH12+275.81X1+388.96X24+275.81X25+388.96X48+275.81X49+388.96X72+275.81X73+388.96X96+275.81X97+388.96X120+202.22X121+293.27X144+202.22X145+293.27X168+275.81X169+388.96X192+341.82X195+275.81X197+275.81X203+202.22X220+293.27X243+255.68X246+202.22X248+202.22X254=0
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VH13+341.82X2+275.81X4+275.81X10+341.82X26+275.81X28+275.81X34+341.82X50+275.81X52+275.81X58+341.82X74+275.81X76+275.81X82+341.82X98+275.81X100+275.81X106+255.68X122+202.22X124+202.22X130+255.68X146+202.22X148+202.22X154+341.82X170+275.81X172+275.81X178+388.96X196+341.82X198+275.81X200+341.82X204+275.81X206+275.81X212+255.68X221+202.22X223+202.22X229+293.27X247+255.68X249+202.22X251+255.68X255+202.22X257+202.22X263=0
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VH14+388.96X3+341.82X5+275.81X7+341.82X11+275.81X13+275.81X19+388.96X27+341.82X29+275.81X31+341.82X35+275.81X37+275.81X43+388.96X51+341.82X53+275.81X55+341.82X59+275.81X61+275.81X67+388.96X75+341.82X77+275.81X79+341.82X83+275.81X85+275.81X91+388.96X99+341.82X101+275.81X103+341.82X107+275.81X109+275.81X115+293.27X123+255.68X125+202.22X127+255.68X131+202.22X133+202.22X139+293.27X147+255.68X149+202.22X151+255.68X155+202.22X157+202.22X163+388.96X171+341.82X173+275.81X175+341.82X179+275.81X181
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81+275.81X187+388.96X199+341.82X201+388.96X205+341.82X207+275.81X209+341.82X213+275.81X215+293.27X222+255.68X224+202.22X226
+255.68X230+202.22X232+202.22X238+293.27X250+255.68X252+293.27X256+255.68X258+202.22X260+255.68X264+202.22X266=0

VH15+388.96X6+341.82X8+388.96X12+341.82X14+275.81X16+341.82X20+275.81X22+388.96X30+341.82X32+388.96X36+341.82X38+275.81X40
+341.82X44+275.81X46+388.96X54+341.82X56+388.96X60+341.82X62+275.81X64+341.82X68+275.81X70+388.96X78+341.82X80+388.96X84+34
1.82X86+275.81X88+341.82X92+275.81X94+388.96X102+341.82X104+388.96X108+341.82X110+275.81X112+341.82X116+275.81X118+293.27X1
26+255.68X128+293.27X132+255.68X134+202.22X136+255.68X140+202.22X142+293.27X150+255.68X152+293.27X156+255.68X158+202.22X160
+255.68X164+202.22X166+388.96X174+341.82X176+388.96X180+341.82X182+275.81X184+341.82X188+275.81X190+275.81X193+388.96X202+3
88.96X208+341.82X210+388.96X214+341.82X216+275.81X218+293.27X225+255.68X227+293.27X231+255.68X233+202.22X235+255.68X239+202
.22X241+202.22X244+293.27X253+293.27X259+255.68X261+293.27X265+255.68X267+202.22X269=0

VH16+275.81X1+388.96X9+388.96X15+341.82X17+341.82X18+388.96X21+341.82X23+275.81X24+275.81X25+388.96X33+388.96X39+341.82X41
+341.82X42+388.96X45+341.82X47+275.81X48+275.81X49+388.96X57+388.96X63+341.82X65+341.82X66+388.96X69+341.82X71+275.81X72+27
5.81X73+388.96X81+388.96X87+341.82X89+341.82X90+388.96X93+341.82X95+275.81X96+275.81X97+388.96X105+388.96X111+341.82X113+34
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17+341.82X219+202.22X220+293.27X228+293.27X234+255.68X236+255.68X237+293.27X240+255.68X242+202.22X243+255.68X245+202.22X246
+202.22X248+202.22X254+293.27X262+293.27X268+255.68X270=0

X1+X2+X3+X4+X5+X6+X7+X8+X9+X10+X11+X12+X13+X14+X15+X16+X17+X18+X19+X20+X21+X22+X23+X24+X25+X26+X27+X28+X29+X30+X
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X193+X194+X195+X196+X197+X198+X199+X200+X201+X202+X244+X245+X246+X247+X248+X249+X250+X251+X252+X253=81.492

X1+X2+X3+X4+X5+X6+X7+X8+X9+X25+X26+X27+X28+X29+X30+X31+X32+X33+X49+X50+X51+X52+X53+X54+X55+X56+X57+X74+X75+X
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8+X209+X210+X211+X220+X221+X222+X223+X224+X225+X226+X227+X228+X254+X255+X256+X257+X258+X259+X260+X261+X262=81.492

X10+X11+X12+X13+X14+X15+X16+X17+X18+X34+X35+X36+X37+X38+X39+X40+X41+X42+X58+X59+X60+X61+X62+X63+X64+X65+X66+X82+X
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X19+X20+X21+X22+X23+X24+X43+X44+X45+X46+X47+X48+X67+X68+X69+X70+X71+X72+X91+X92+X93+X94+X95+X96+X115+X116+X117+X1
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240+X241+X242+X243=81.492

X193+X194+X195+X196+X244+X245+X246+X247=81.492

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X4+X5+X6+X10+X11+X12+X28+X29+X30+X34+X35+X36+X52+X53+X54+X58+X59+X60+X76+X77+X78+X82+X83+X84+X100+X101+X102+X106+
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X16+X17+X18+X22+X23+X40+X41+X42+X46+X47+X64+X65+X66+X70+X71+X88+X89+X90+X94+X95+X112+X113+X114+X118+X119+X136+X13
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Parte 2
MAX

7516.89X271+7430.01X272+7087.87X273+7510.49X274+7476.25X275+7417.29X276+7163.45X277+7394.97X278+8136.72X279+7612.09X280+7577.85X281+7518.9X282+7653.77X283+7885.29X284+8627.04X285+7590.2X286+8605.98X287+8605.98X288+7258.87X289+7490.39X290+8232.14X291+7562.02X292+8577.8X293+8299.41X294+7516.89X295+7430.01X296+7087.87X297+7510.49X298+7476.25X299+7417.29X300+7510.49X301+7394.97X302+8136.72X303+7612.09X304+7577.85X305+7518.9X306+7653.77X307+7885.29X308+8627.04X309+7590.2X310+8605.98X311+8605.98X312+7258.87X313+7490.39X314+8232.14X315+7562.02X316+8577.8X317+8299.41X318+7516.89X319+7430.01X320+7087.87X321+7510.49X322+7476.25X323+7417.29X324+7163.45X325+7394.97X326+8136.72X327+7612.09X328+7577.85X329+7518.9X330+7653.77X331+7885.29X332+8627.04X333+7590.2X334+8605.98X335+8605.98X336+7258.87X337+7490.39X338+8232.14X339+7562.02X340+8577.8X341+8299.41X342+7516.89X343+7430.01X344+7087.87X345+7510.49X346+7476.25X347+7417.29X348+7163.45X349+7394.97X350+8136.72X351+7612.09X352+7577.85X353+7518.9X354+7653.77X355+7885.29X356+8627.04X357+7590.2X358+8605.98X359+8605.98X360+7258.87X361+7490.39X362+8232.14X363+7562.02X364+8577.8X365+8299.41X366+7516.89X367+7430.01X368+7087.87X369+7510.49X370+7476.25X371+7417.29X372+7163.45X373+7394.97X374+8136.72X375+7612.09X376+7577.85X377+7518.9X378+7653.77X379+7885.29X380+8627.04X381+7590.2X382+8605.98X383+8605.98X384+7258.87X385+7490.39X386+8232.14X387+7562.02X388+8577.8X389+8299.41X390-975.69X391-1008.74X392-1243.13X393-886.99X394-818.5X395-755.4X396-1086.01X397-737.19X398+312.74X399-733.28X400-664.79X401-601.7X402-549.93X403-201.11X404+848.82X405-453.47X406+866.01X407+866.01X408-887.66X409-538.83X410+511.09X411-430.47X412+889.01X413+650.92X414+17455.33X415+17288.86X416+16783.29X417+17330.33X418+17193.23X419+16991.42X420+16767.16X421+16912.97X422+17323.08X423+17382.68X424+17245.59X425+17043.78X426+17284.71X427+17430.51X428+17840.62X429+17028.56X430+17766.61X431+17766.61X432+16746.8X433+16892.61X434+17302.72X435+16929.52X436+17667.57X437+17288.36X438+12078.31X439+12816.36X440+12851.17X441+12294.11X442+12895.13X443+12728.65X444+12223.09X445+12277.02X446+12139.93X447+11938.12X448+12290.74X449+12124.26X450+11618.7X451+12165.73X452+12028.64X453+11826.83X454+11602.57X455+11748.38X456+12158.49X457+11028.98X458+10891.89X459+10690.08X460+10931.01X461+11076.82X462+11486.93X463+10674.87X464+11412.91X465+7516.89X466+7430.01X467+7087.87X468+7510.49X469+7476.25X470+7417.29X471+7163.45X472+7394.97X473+8136.72X474+7612.09X475+7577.85X476+7518.9X477+7653.77X478+7885.29X479+8627.04X480+7590.2X481+8605.98X482+8605.98X483+7258.87X484+7490.39X485+8232.14X486+7562.02X487+8577.8X488+8299.41X489+7516.89X490+7430.01X491+7087.87X492+7510.49X493+7476.25X494+7417.29X495+7163.45X496+7394.97X497+8136.72X498+7612.09X499+7577.85X500+7518.9X501+7653.77X502+7885.29X503+8627.04X504+7590.2X505+8605.98X506+8605.98X507+7258.87X508+7490.39X509+8232.14X510+7562.02X511+8577.8X512+8299.41X513

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X271+X272+X273+X274+X275+X276+X277+X278+X279+X280+X281+X282+X283+X284+X285+X286+X287+X288+X289+X290+X291+X292+X293+X294=48
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VH0+293.27X271+293.27X272+293.27X273+293.27X274+293.27X275+293.27X276+293.27X277+293.27X278+293.27X279+293.27X280+293.27X281+293.27X282+293.27X283+293.27X284+293.27X285+293.27X286+293.27X287+293.27X288+293.27X289+293.27X290+293.27X291+293.27X292+293.27X293+293.27X294+293.27X295+293.27X296+293.27X297+293.27X298+293.27X299+293.27X300+293.27X301+293.27X302+293.27X303+293.27X304+293.27X305+293.27X306+293.27X307+293.27X308+293.27X309+293.27X310+293.27X311+293.27X312+293.27X313+293.27X314+293.27X315+293.27X316+293.27X317+293.27X318+293.27X319+293.27X320+293.27X321+293.27X322+293.27X323+293.27X324+293.27X325+293.27X326+293.27X327+293.27X328+293.27X329+293.27X330+293.27X331+293.27X332+293.27X333+293.27X334+293.27X335+293.27X336+293.27X337+293.27X338+293.27X339+293.27X340+293.27X341+293.27X342+293.27X343+293.27X344+293.27X345+293.27X346+293.27X347+293.27X348+293.27X349+293.27X350+293.27X351+293.27X352+293.27X353+293.27X354+293.27X355+293.27X356+293.27X357+293.27X358+293.27X359+293.27X360+293.27X361+293.27X362+293.27X363+293.27X364+293.27X365+293.27X366+293.27X367+293.27X368+293.27X369+293.27X370+293.27X371+293.27X372+293.27X373+293.27X374+293.27X375+293.27X376+293.27X377+293.27X378+293.27X379+293.27X380+293.27X381+293.27X382+293.27X383+293.27X384+293.27X385+293.27X386+293.27X387+293.27X388+293.27X389+293.27X390+212.78X391+212.78X392+212.78X393+212.78X394+212.78X395+212.78X396+212.78X397+212.78X398+212.78X399+212.78X400+212.78X401+212.78X402+212.78X403+212.78X404+212.78X405+212.78X406+212.78X407+212.78X408+212.78X409+212.78X410+212.78X411+212.78X412+212.78X413+212.78X414+388.96X415+388.96X416+388.96X417+388.96X418+388.96X419+388.96X420+388.96X421+388.96X422+388.96X423+388.96X424+388.96X425+388.96X426+388.96X427+388.96X428+388.96X429+388.96X430+388.96X431+388.96X432+388.96X433+388.96X434+388.96X435+388.96X436+388.96X437+388.96X438+293.27X439+293.27X440+293.27X441+293.27X442+293.27X443+293.27X444+293.27X445+293.27X446+293.27X447+293.27X448+293.27X449+293.27X450+293.27X451+293.27X452+293.27X453+293.27X454+293.27X455+293.27X456+293.27X457+293.27X458+293.27X459+293.27X460+293.27X461+293.27X462+293.27X463+293.27X464+293.27X465+293.27X466+293.27X467+293.27X468+293.27X469+293.27X470+293.27X471+293.27X472+293.27X473+293.27X474+293.27X475+293.27X476+293.27X477+293.27X478+293.27X479+293.27X480+293.27X481+293.27X482+293.27X483+293.27X484+293.27X485+293.27X486+293.27X487+293.27X488+293.27X489+293.27X490+293.27X491+293.27X492+293.27X493+293.27X494+293.27X495+293.27X496+293.27X497+293.27X498+293.27X499+293.27X500+293.27X501+293.27X502+293.27X503+293.27X504+293.27X505+293.27X506+293.27X507+293.27X508+293.27X509+293.27X510+293.27X511+293.27X512+293.27X513=0
-VH3+275.81X439+275.81X440+275.81X441+275.81X442+275.81X443+275.81X444+275.81X445+275.81X446+275.81X447+275.81X448=0

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VH4+202.22X271+202.22X272+202.22X273+202.22X274+202.22X275+202.22X276+202.22X277+202.22X278+202.22X279+202.22X295+202.22X296+202.22X297+202.22X298+202.22X299+202.22X300+202.22X301+202.22X302+202.22X303+202.22X319+202.22X320+202.22X321+202.22X322+202.22X323+202.22X324+202.22X325+202.22X326+202.22X327+202.22X343+202.22X344+202.22X345+202.22X346+202.22X347+202.22X348+202.22X349+202.22X350+202.22X351+202.22X367+202.22X368+202.22X369+202.22X370+202.22X371+202.22X372+202.22X373+202.22X374+202.22X375+139.67X391+139.67X392+139.67X393+139.67X394+139.67X395+139.67X396+139.67X397+139.67X398+139.67X399+275.81X415+275.81X416+275.81X417+275.81X418+275.81X419+275.81X420+275.81X421+275.81X422+275.81X423+341.82X449+341.82X450+341.82X451+341.82X452+341.82X453+341.82X454+341.82X455+341.82X456+341.82X457+202.22X466+202.22X467+202.22X468+202.22X469+202.22X470+202.22X471+202.22X472+202.22X473+202.22X474+202.22X490+202.22X491+202.22X492+202.22X493+202.22X494+202.22X495+202.22X496+202.22X497+202.22X498=0

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VH5+255.68X280+255.68X281+255.68X282+255.68X283+255.68X284+255.68X285+255.68X286+255.68X287+255.68X288+255.68X304+255.68X305+255.68X306+255.68X307+255.68X308+255.68X309+255.68X310+255.68X311+255.68X312+255.68X328+255.68X329+255.68X330+255.68X331+255.68X332+255.68X333+255.68X334+255.68X335+255.68X336+255.68X352+255.68X353+255.68X354+255.68X355+255.68X356+255.68X357+255.68X358+255.68X359+255.68X360+255.68X376+255.68X377+255.68X378+255.68X379+255.68X380+255.68X381+255.68X382+255.68X383+255.68X384+184.27X400+184.27X401+184.27X402+184.27X403+184.27X404+184.27X405+184.27X406+184.27X407+184.27X408+341.82X424+341.82X425+341.82X426+341.82X427+341.82X428+341.82X429+341.82X430+341.82X431+341.82X432+388.96X458+388.96X459+388.96X460+388.96X461+388.96X462+388.96X463+388.96X464+388.96X465+255.68X475+255.68X476+255.68X477+255.68X478+255.68X479+255.68X480+255.68X481+255.68X482+255.68X483+255.68X499+255.68X500+255.68X501+255.68X502+255.68X503+255.68X504+255.68X505+255.68X506+255.68X507=0

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VH6+293.27X289+293.27X290+293.27X291+293.27X292+293.27X293+293.27X294+293.27X313+293.27X314+293.27X315+293.27X316+293.27X317+293.27X318+293.27X337+293.27X338+293.27X339+293.27X340+293.27X341+293.27X342+293.27X361+293.27X362+293.27X363+293.27X364+293.27X365+293.27X366+293.27X385+293.27X386+293.27X387+293.27X388+293.27X389+293.27X390+212.78X410+212.78X411+212.78X412+212.78X413+212.78X414+388.96X433+388.96X434+388.96X435+388.96X436+388.96X437+388.96X438+293.27X484+293.27X485+293.27X486+293.27X487+293.27X488+293.27X489+293.27X508+293.27X509+293.27X510+293.27X511+293.27X512+293.27X513=0
-VH7+275.81X439+275.81X440+275.81X441+275.81X442=0

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VH8+202.22X271+202.22X272+202.22X273+202.22X295+202.22X296+202.22X297+202.22X319+202.22X320+202.22X321+202.22X343+202.22X344+202.22X345+202.22X367+202.22X368+202.22X369+139.67X391+139.67X392+139.67X393+275.81X415+275.81X416+275.81X417+341.82X443+341.82X444+341.82X445+275.81X449+275.81X450+275.81X451+202.22X466+202.22X467+202.22X468+202.22X490+202.22X491+202.22X492=0

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VH9+255.68X274+255.68X275+255.68X276+202.22X280+202.22X281+202.22X282+255.68X298+255.68X299+255.68X300+202.22X304+202.22X305+202.22X306+255.68X322+255.68X323+255.68X324+202.22X328+202.22X329+202.22X330+255.68X346+255.68X347+255.68X348+202.22X352+202.22X353+202.22X354+255.68X370+255.68X371+255.68X372+202.22X376+202.22X377+202.22X378+184.27X394+184.27X395+184.27X396+139.67X400+139.67X401+139.67X402+341.82X418+341.82X419+341.82X420+275.81X424+275.81X425+275.81X426+388.96X446+388.96X447+388.96X448+341.82X452+341.82X453+341.82X454+275.81X458+275.81X459+275.81X460+255.68X469+255.68X470+255.68X471+202.22X475+202.22X476+202.22X477+255.68X493+255.68X494+255.68X495+202.22X499+202.22X500+202.22X501=0

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VH10+293.27X277+293.27X278+293.27X279+255.68X283+255.68X284+255.68X285+202.22X289+202.22X290+202.22X291+293.27X301+293.27X302+293.27X303+255.68X307+255.68X308+255.68X309+202.22X313+202.22X314+202.22X315+293.27X325+293.27X326+293.27X327+255.68X331+255.68X332+255.68X333+202.22X337+202.22X338+202.22X339+293.27X349+293.27X350+293.27X351+255.68X355+255.68X356+255.68X357+202.22X361+202.22X362+202.22X363+293.27X373+293.27X374+293.27X375+255.68X379+255.68X380+255.68X381+202.22X385+202.22X386+202.22X387+212.78X397+212.78X398+212.78X399+184.27X403+184.27X404+184.27X405+139.67X409+139.67X410+139.67X411+388.96X421+388.96X422+388.96X423+341.82X428+341.82X429+275.81X433+275.81X434+275.81X435+388.96X455+388.96X456+388.96X457+341.82X461+341.82X462+341.82X463+293.27X472+293.27X473+293.27X474+255.68X478+255.68X479+255.68X480+202.22X484+202.22X485+202.22X486+293.27X496+293.27X497+293.27X498+255.68X502+255.68X503+255.68X504+202.22X508+202.22X509+202.22X510=0

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VH11+293.27X286+293.27X287+293.27X288+255.68X292+255.68X293+293.27X310+293.27X311+293.27X312+255.68X316+255.68X317+293.27X334+293.27X335+293.27X336+255.68X340+255.68X341+293.27X358+293.27X359+293.27X360+255.68X364+255.68X365+293.27X382+293.27X383+293.27X384+255.68X388+255.68X389+212.78X406+212.78X407+212.78X408+184.27X412+184.27X413+388.96X430+388.96X431+388.96X432+341.82X436+341.82X437+275.81X439+275.81X440+388.96X464+388.96X465+293.27X481+293.27X482+293.27X483+255.68X487+255.68X488+293.27X505+293.27X506+293.27X507+255.68X511+255.68X512=0

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VH12+202.22X271+293.27X294+202.22X295+293.27X318+202.22X319+293.27X342+202.22X343+293.27X366+202.22X367+293.27X390+139.67X391+212.78X414+275.81X415+388.96X438+341.82X441+275.81X443+275.81X449+202.22X466+293.27X489+202.22X490+293.27X513=0

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VH13+255.68X272+202.22X274+202.22X280+255.68X296+202.22X298+202.22X304+255.68X320+202.22X322+202.22X328+255.68X344+202.22X346+202.22X352+255.68X368+202.22X370+202.22X376+184.27X392+139.67X394+139.67X400+341.82X416+275.81X418+275.81X424+388.96X442+341.82X444+275.81X446+341.82X450+275.81X452+275.81X458+255.68X467+202.22X469+202.22X475+255.68X491+202.22X493+202.22X499=0

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VH14+293.27X273+255.68X275+202.22X277+255.68X281+202.22X283+202.22X289+293.27X297+255.68X299+202.22X301+255.68X305+202.22X307+202.22X313+293.27X321+255.68X323+202.22X325+255.68X329+202.22X331+202.22X337+293.27X345+255.68X347+202.22X349+255.68X353+202.22X355+202.22X361+293.27X369+255.68X371+202.22X373+255.68X377+202.22X379+202.22X385+212.78X393+184.27X395+139.67X397+184.27X401+139.67X403+139.67X409+388.96X417+341.82X419+341.82X420+275.81X424+275.81X425+275.81X427+275.81X433+388.96X445+341.82X447+388.96X451+341.82X453+275.81X455+341.82X459+275.81X461+293.27X468+255.68X470+202.22X472+255.68X476+202.22X478+202.22X484+293.27X492+255.68X494+202.22X496+255.68X500+202.22X502+202.22X508=0

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VH15+293.27X276+255.68X278+293.27X282+255.68X284+202.22X286+255.68X290+202.22X292+293.27X300+255.68X302+293.27X306+255.68X308+202.22X310+255.68X314+202.22X316+293.27X324+255.68X326+293.27X330+255.68X332+202.22X334+255.68X338+202.22X340+293.27X348+255.68X350+293.27X354+255.68X356+202.22X358+255.68X362+202.22X364+293.27X372+255.68X374+293.27X378+255.68X380+202.22X382+255.68X386+202.22X388+212.78X396+184.27X398+212.78X402+184.27X404+139.67X406+184.27X410+139.67X412+388.96X420+341.82X422+388.96X426+341.82X428+275.81X430+341.82X434+275.81X436+275.81X439+388.96X448+388.96X454+341.82X456+388.96X460+341.82X462+275.

81X464+293.27X471+255.68X473+293.27X477+255.68X479+202.22X481+255.68X485+202.22X487+293.27X495+255.68X497+293.27X501+255.68X503+202.22X505+255.68X509+202.22X511=0

VH16+202.22X271+293.27X279+293.27X285+255.68X287+255.68X288+293.27X291+255.68X293+202.22X294+202.22X295+293.27X303+293.27X309+255.68X311+255.68X312+293.27X315+255.68X317+202.22X318+202.22X319+293.27X327+293.27X333+255.68X335+255.68X336+293.27X339+255.68X341+202.22X342+202.22X343+293.27X351+293.27X357+255.68X359+255.68X360+293.27X363+255.68X365+202.22X366+202.22X367+293.27X375+293.27X381+255.68X383+255.68X384+293.27X387+255.68X389+202.22X390+139.67X391+212.78X399+212.78X405+184.27X407+184.27X408+212.78X411+184.27X413+139.67X414+275.81X415+388.96X423+388.96X429+341.82X431+341.82X432+388.96X435+341.82X437+275.81X438+341.82X440+275.81X441+275.81X443+275.81X449+388.96X457+388.96X463+341.82X465+202.22X466+293.27X474+293.27X480+255.68X482+255.68X483+293.27X486+255.68X488+202.22X489+202.22X490+293.27X498+293.27X504+255.68X506+255.68X507+293.27X510+255.68X512+202.22X513=0

X271+X272+X273+X274+X275+X276+X277+X278+X279+X280+X281+X282+X283+X284+X285+X286+X287+X288+X289+X290+X291+X292+X293+X294+X295+X296+X297+X298+X299+X300+X301+X302+X303+X304+X305+X306+X307+X308+X309+X310+X311+X312+X313+X314+X315+X316+X317+X318+X319+X320+X321+X322+X323+X324+X325+X326+X327+X328+X329+X330+X331+X332+X333+X334+X335+X336+X337+X338+X339+X340+X341+X342+X343+X344+X345+X346+X347+X348+X349+X350+X351+X352+X353+X354+X355+X356+X357+X358+X359+X360+X361+X362+X363+X364+X365+X366+X367+X368+X369+X370+X371+X372+X373+X374+X375+X376+X377+X378+X379+X380+X381+X382+X383+X384+X385+X386+X387+X388+X389+X390+X391+X392+X393+X394+X395+X396+X397+X398+X399+X400+X401+X402+X403+X404+X405+X406+X407+X408+X409+X410+X411+X412+X413+X414+X415+X416+X417+X418+X419+X420+X421+X422+X423+X424+X425+X426+X427+X428+X429+X430+X431+X432+X433+X434+X435+X436+X437+X438+X439+X440+X441+X442+X443+X444+X445+X446+X447+X448+X449+X450+X451+X452+X453+X454+X455+X456+X457+X458+X459+X460+X461+X462+X463+X464+X465+X466+X467+X468+X469+X470+X471+X472+X473+X474+X475+X476+X477+X478+X479+X480+X481+X482+X483+X484+X485+X486+X487+X488+X489+X490+X491+X492+X493+X494+X495+X496+X497+X498+X499+X500+X501+X502+X503+X504+X505+X506+X507+X508+X509+X510+X511+X512+X513=53.52

X439+X440+X441+X442+X443+X444+X445+X446+X447+X448=53.52
X271+X272+X273+X274+X275+X276+X277+X278+X279+X295+X296+X297+X298+X299+X300+X301+X302+X303+X319+X320+X321+X322+X323+X324+X325+X326+X327+X328+X329+X350+X351+X367+X368+X369+X370+X371+X372+X373+X374+X375+X391+X392+X393+X394+X395+X396+X397+X398+X399+X415+X416+X417+X418+X419+X420+X421+X422+X423+X449+X450+X451+X452+X453+X454+X455+X456+X457+X458+X459+X460+X461+X462+X463+X464+X465+X466+X467+X468+X469+X470+X471+X472+X473+X474+X475+X476+X477+X478+X479+X480+X481+X482+X483+X484+X485+X486+X487+X488+X489+X490+X491+X492+X493+X494+X495+X496+X497+X498+X499+X500+X501+X502+X503+X504+X505+X506+X507+X508+X509+X510+X511+X512+X513=53.52

X280+X281+X282+X283+X284+X285+X286+X287+X288+X304+X305+X306+X307+X308+X309+X310+X311+X312+X328+X329+X330+X331+X332+X333+X334+X335+X336+X337+X338+X339+X340+X341+X342+X343+X344+X345+X346+X347+X348+X349+X350+X351+X352+X353+X354+X355+X356+X357+X358+X359+X360+X361+X362+X363+X364+X365+X366+X367+X368+X369+X370+X371+X372+X373+X374+X375+X376+X377+X378+X379+X380+X381+X382+X383+X384+X385+X386+X387+X388+X389+X390+X391+X392+X393+X394+X395+X396+X397+X398+X399+X400+X401+X402+X403+X404+X405+X406+X407+X408+X409+X410+X411+X412+X413+X414+X415+X416+X417+X418+X419+X420+X421+X422+X423+X424+X425+X426+X427+X428+X429+X430+X431+X432+X433+X434+X435+X436+X437+X438+X439+X440+X441+X442+X443+X444+X445+X446+X447+X448+X449+X450+X451+X452+X453+X454+X455+X456+X457+X458+X459+X460+X461+X462+X463+X464+X465+X466+X467+X468+X469+X470+X471+X472+X473+X474+X475+X476+X477+X478+X479+X480+X481+X482+X483+X484+X485+X486+X487+X488+X489+X490+X491+X492+X493+X494+X495+X496+X497+X498+X499+X500+X501+X502+X503+X504+X505+X506+X507+X508+X509+X510+X511+X512+X513=53.52

X289+X290+X291+X292+X293+X294+X313+X314+X315+X316+X317+X318+X337+X338+X339+X340+X341+X342+X361+X362+X363+X364+X365+X366+X385+X386+X387+X388+X389+X390+X409+X410+X411+X412+X413+X414+X433+X434+X435+X436+X437+X438+X484+X485+X486+X487+X488+X489+X508+X509+X510+X511+X512+X513=53.52

X439+X440+X441+X442=53.52
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X271+X279+X285+X287+X288+X291+X293+X294+X295+X303+X309+X311+X312+X315+X317+X318+X319+X327+X333+X335+X336+X339+X341+X342+X343+X351+X357+X359+X360+X363+X365+X366+X367+X375+X381+X383+X384+X387+X389+X390+X391+X399+X405+X407+X408+X411+X413+X414+X415+X423+X429+X431+X432+X435+X437+X438+X440+X441+X443+X449+X457+X463+X465+X466+X474+X480+X482+X483+X486+X488+X489+X490+X498+X504+X506+X507+X510+X512+X513=53.52

Parte 3

MAX

4723.68X514+5739.46X515+5807.04X516+5393.78X517+5892.34X518+5805.47X519+5463.32X520+5473.9X521+5439.65X522+5380.7X523+5448.63X524+5361.76X525+5019.61X526+5442.23X527+5407.99X528+5349.04X529+5095.19X530+5326.71X531+6068.47X532+4551.22X533+4516.98X534+4458.03X535+4592.9X536+4824.42X537+5566.17X538+4529.33X539+5525.11X540+7516.89X541+7430.01X542+7087.87X543+7510.49X544+7476.25X545+7417.29X546+7163.45X547+7394.97X548+8136.72X549+7612.09X550+7577.85X551+7518.9X552+7653.77X553+7885.29X554+8627.04X555+7590.2X556+8605.98X557+8605.98X558+7258.87X559+7490.39X560+8232.14X561+7562.02X562+8577.8X563+8299.41X564+17455.33X565+17288.86X566+16783.29X567+17330.33X568+17193.23X569+16991.42X570+16767.16X571+16912.97X572+17323.08X573+17382.68X574+17245.59X575+17043.78X576+17284.71X577+17430.51X578+17840.62X579+17028.56X580+17766.61X581+17766.61X582+16746.8X583+1689

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VH0+293.27X541+293.27X542+293.27X543+293.27X544+293.27X545+293.27X546+293.27X547+293.27X548+293.27X549+293.27X550+293.27X551+293.27X552+293.27X553+293.27X554+293.27X555+293.27X556+293.27X557+293.27X558+293.27X559+293.27X560+293.27X561+293.27X562+293.27X563+293.27X564+388.96X565+388.96X566+388.96X567+388.96X568+388.96X569+388.96X570+388.96X571+388.96X572+388.96X573+388.96X574+388.96X575+388.96X576+388.96X577+388.96X578+388.96X579+388.96X580+388.96X581+388.96X582+388.96X583+388.96X584+388.96X585+388.96X586+388.96X587+388.96X588+293.27X589+293.27X590+293.27X591+293.27X592+293.27X593+293.27X594+293.27X595+293.27X596+293.27X597+293.27X598+293.27X599+293.27X600+293.27X601+293.27X602+293.27X603+293.27X604+293.27X605+293.27X606+293.27X607+293.27X608+293.27X609+293.27X610+293.27X611+293.27X612+255.68X613+255.68X614+255.68X615+255.68X616+255.68X617+255.68X618+255.68X619+255.68X620+255.68X621+255.68X622+255.68X623+255.68X624+255.68X625+255.68X626+255.68X627+255.68X628+255.68X629+255.68X630+255.68X631+255.68X632+255.68X633+255.68X634+255.68X635+255.68X636+255.68X637+255.68X638+255.68X639+255.68X640+255.68X641+255.68X642+255.68X643+255.68X644+255.68X645+255.68X646+255.68X647+255.68X648+255.68X649+255.68X650+255.68X651+255.68X652+255.68X653+255.68X654+255.68X655+255.68X656+255.68X657+255.68X658+255.68X659+255.68X660+255.68X661+255.68X662+255.68X663+255.68X664+255.68X665+255.68X666+255.68X667+255.68X668+255.68X669+255.68X670+255.68X671+255.68X672+255.68X673+255.68X674+255.68X675+255.68X676+255.68X677+255.68X678+388.96X679+388.96X680+255.68X681+255.68X682+255.68X683+388.96X684+388.96X685+388.96X686+388.96X687+388.96X688+388.96X689+388.96X690+388.96X691+388.96X692+388.96X693+388.96X694+388.96X695+388.96X696+315.79X697+315.79X698+315.79X699+315.79X700+315.79X701+315.79X702+315.79X703+315.79X704+315.79X705+315.79X706+315.79X707+315.79X708+315.79X709+315.79X710+315.79X711+255.68X712+255.68X713+255.68X714+255.68X715+255.68X716+255.68X717+255.68X718+255.68X719+255.68X720+255.68X721+255.68X722+255.68X723+255.68X724+255.68X725+255.68X726+255.68X727+255.68X728+255.68X729+255.68X730+255.68X731+255.68X732+255.68X733+255.68X734+255.68X735+255.68X736+255.68X737+255.68X738+255.68X739+255.68X740+255.68X741+255.68X742+255.68X743+255.68X744+255.68X745+255.68X746+255.68X747+255.68X748+255.68X749+255.68X750+255.68X751+255.68X752+255.68X753+255.68X754+255.68X755+255.68X756+255.68X757+255.68X758+255.68X759+255.68X760+255.68X761+255.68X762+255.68X763+255.68X764+255.68X765+255.68X766+255.68X767+255.68X768+255.68X769+255.68X770+255.68X771+255.68X772+255.68X773+255.68X774+255.68X775+255.68X776+255.68X777+255.68X778+255.68X779+255.68X780+255.68X781+255.68X782+255.68X783+255.68X784+255.68X785+255.68X786+255.68X787+255.68X788+255.68X789+255.68X790+255.68X791+255.68X792+255.68X793+255.68X794+255.68X795=0

VH1+293.27X637+293.27X638+293.27X639+293.27X640+293.27X641+293.27X642+293.27X643+293.27X644+293.27X645+293.27X646+293.27X647+293.27X648+293.27X649+293.27X650+293.27X651+293.27X652+293.27X653+293.27X654+293.27X655+293.27X656+293.27X657+293.27X658+293.27X659+293.27X660+293.27X661+293.27X662+293.27X663+293.27X664+293.27X665+293.27X666+293.27X667+293.27X668+293.27X669+293.27X670+293.27X671+293.27X672+293.27X673+293.27X674+293.27X675+293.27X676+293.27X677+293.27X678+293.27X679+293.27X680+293.27X681+293.27X682+293.27X683+293.27X684+293.27X685+293.27X686+293.27X687+293.27X688+293.27X689+293.27X690+293.27X691+293.27X692+293.27X693+293.27X694+293.27X695+293.27X696+293.27X697+293.27X698+293.27X699+293.27X700+293.27X701+293.27X702+293.27X703+293.27X704+293.27X705+293.27X706=0

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VH4+255.68X524+255.68X525+255.68X526+255.68X527+255.68X528+255.68X529+255.68X530+255.68X531+255.68X532+202.22X541+202.22X542+202.22X543+202.22X544+202.22X545+202.22X546+202.22X547+202.22X548+202.22X549+275.81X565+275.81X566+275.81X567+275.81X568

4+X705+X706+X710+X711+X712+X716+X717+X718+X727+X728+X729+X733+X734+X735+X751+X752+X753+X757+X758+X759+X775+X776+X777+X781+X782+X783+X796+X797+X798 = 71.018
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X517+X519+X521+X525+X527+X533+X542+X544+X550+X566+X568+X574+X590+X592+X598+X614+X616+X622+X637+X654+X656+X658+X664+X679+X696+X700+X702+X704+X708+X710+X716+X725+X727+X733+X749+X751+X757+X773+X775+X781+X796 = 71.018
X520+X522+X526+X528+X530+X534+X536+X543+X545+X547+X551+X553+X559+X567+X569+X571+X575+X577+X583+X591+X593+X595+X599+X601+X607+X615+X617+X619+X623+X625+X631+X638+X640+X645+X657+X659+X661+X665+X667+X673+X680+X682+X687+X703+X705+X709+X711+X713+X717+X719+X726+X728+X730+X734+X736+X742+X750+X752+X754+X758+X760+X766+X774+X776+X778+X782+X784+X790+X797+X799 = 71.018
X514+X523+X529+X531+X535+X537+X539+X546+X548+X552+X554+X556+X560+X562+X570+X572+X576+X578+X580+X584+X586+X594+X596+X600+X602+X604+X608+X610+X618+X620+X624+X626+X628+X632+X634+X639+X641+X643+X646+X648+X651+X660+X662+X666+X668+X670+X674+X676+X681+X683+X685+X688+X690+X693+X697+X706+X712+X714+X718+X720+X722+X729+X731+X735+X737+X739+X743+X745+X753+X755+X759+X761+X763+X767+X769+X777+X779+X783+X785+X787+X791+X793+X798+X800+X802 = 71.018
X515+X516+X518+X524+X532+X538+X540+X541+X549+X555+X557+X558+X561+X563+X564+X565+X573+X579+X581+X582+X585+X587+X588+X589+X597+X603+X605+X606+X609+X611+X612+X613+X621+X627+X629+X630+X633+X635+X636+X642+X644+X647+X649+X650+X652+X653+X655+X663+X669+X671+X672+X675+X677+X678+X684+X686+X689+X691+X692+X694+X695+X698+X699+X701+X707+X715+X721+X723+X724+X732+X738+X740+X741+X744+X746+X747+X748+X756+X762+X764+X765+X768+X770+X771+X772+X780+X786+X788+X789+X792+X794+X795+X801+X803 = 71.018

Parte 4

MAX

6684.87X804+6916.39X805+7658.14X806+6988.02X807+8003.8X808+7725.41X809+6615.47X810+7631.25X811+7698.82X812+7285.57X813+7516.89X814+7430.01X815+7087.87X816+7510.49X817+7476.25X818+7417.29X819+7163.45X820+7394.97X821+8136.72X822+7612.09X823+7577.85X824+7518.9X825+7653.77X826+7885.29X827+8627.04X828+7590.2X829+8605.98X830+8605.98X831+7258.87X832+7490.39X833+8232.14X834+7562.02X835+8577.8X836+8299.41X837+4723.68X838+5739.46X839+5807.04X840+5393.78X841+5892.34X842+5805.47X843+5463.32X844+5473.9X845+5439.65X846+5380.7X847+5448.63X848+5361.76X849+5019.61X850+5442.23X851+5407.99X852+5349.04X853+5095.19X854+5326.71X855+6068.47X856+4551.22X857+4516.98X858+4458.03X859+4592.9X860+4824.42X861+5566.17X862+4529.33X863+5545.11X864+7516.89X865+7430.01X866+7087.87X867+7510.49X868+7476.25X869+7417.29X870+7163.45X871+7394.97X872+8136.72X873+7612.09X874+7577.85X875+7518.9X876+7653.77X877+7885.29X878+8627.04X879+7590.2X880+8605.98X881+8605.98X882+7258.87X883+7490.39X884+8232.14X885+7562.02X886+8577.8X887+8299.41X888+17123.35X889+16956.88X890+16451.31X891+16998.35X892+16861.25X893+16659.44X894+16435.18X895+16580.99X896+16991.1X897+17050.7X898+16913.61X899+16711.8X900+16952.73X901+17098.53X902+17508.64X903+16696.58X904+17434.63X905+17434.63X906+16414.82X907+16560.63X908+16970.74X909+16597.54X910+17335.59X911+16956.38X912+17123.35X913+16956.88X914+16451.31X915+16998.35X916+16861.25X917+16659.44X918+16435.18X919+16580.99X920+16991.1X921+17050.7X922+16913.61X923+16711.8X924+16952.73X925+17098.53X926+17508.64X927+16696.58X928+17434.63X929+17434.63X930+16414.82X931+16560.63X932+16970.74X933+16597.54X934+17335.59X935+16956.38X936+975.69X937+1008.74X938+1243.13X939+886.99X940+818.5X941+755.4X942+1086.01X943+737.19X944+312.74X945+733.28X946+664.79X947+601.7X948+549.93X949+201.11X950+848.82X951+453.47X952+866.01X953+866.01X954+887.66X955+538.83X956+511.09X957+430.47X958+889.01X959+650.92X960+1661.62X961+1694.67X962+1929.06X963+1572.92X964+1504.43X965+1441.34X966+1771.95X967+1423.12X968+373.19X969+1419.21X970+1350.73X971+1287.63X972+1235.87X973+887.04X974+162.89X975+1139.41X976+180.08X977+180.08X978+1573.59X979+1224.76X980+174.84X981+1116.41X982+203.08X983+35.01X984+1661.62X985+1694.67X986+1929.06X987+1572.92X988+1504.43X989+1441.34X990+1771.95X991+1423.12X992+373.19X993+1419.21X994+1350.73X995+1287.63X996+1235.87X997+887.04X998+162.89X999+1139.41X1000+180.08X1001+180.08X1002+1573.59X1003+1224.76X1004+174.84X1005+1116.41X1006+203.08X1007+35.01X1008+1513.9X1009+194.42X1010+92.2X1011+446.29X1012+36.86X1013+3.81X1014+230.58X1015+279.75X1016+211.26X1017+148.17X1018+342.61X1019+375.66X1020+610.05X1021+253.9X1022+185.42X1023+122.32X1024+452.93X1025+104.1X1026+945.82X1027+1033.19X1028+964.71X1029+901.61X1030+849.85X1031+501.02X1032+548.91X1033+753.39X1034+566.09X1035+1661.62X1036+1694.67X1037+1929.06X1038+1572.92X1039+1504.43X1040+1441.34X1041+1771.95X1042+1423.12X1043+373.19X1044+1419.21X1045+1350.73X1046+1287.63X1047+1235.87X1048+887.04X1049+162.89X1050+1139.41X1051+180.08X1052+180.08X1053+1573.59X1054+1224.76X1055+174.84X1056+1116.41X1057+203.08X1058+35.01X1059+1661.62X1060+1694.67X1061+1929.06X1062+1572.92X1063+1504.43X1064+1441.34X1065+1771.95X1066+1423.12X1067+373.19X1068+1419.21X1069+1350.73X1070+1287.63X1071+1235.87X1072+887.04X1073+162.89X1074+1139.41X1075+180.08X1076+180.08X1077+1573.59X1078+1224.76X1079+174.84X1080+1116.41X1081+203.08X1082+35.01X1083

ST

X814+X815+X816+X817+X818+X819+X820+X821+X822+X823+X824+X825+X826+X827+X828+X829+X830+X831+X832+X833+X834+X835+X836+X837+X865+X866+X867+X868+X869+X870+X871+X872+X873+X874+X875+X876+X877+X878+X879+X880+X881+X882+X883+X884+X885+X886+X887+X888+X889+X890+X891+X892+X893+X894+X895+X896+X897+X898+X899+X900+X901+X902+X903+X904+X905+X906+X907+X908+X909+X910+X911+X912+X913+X914+X915+X916+X917+X918+X919+X920+X921+X922+X923+X924+X925+X926+X927+X928+X929+X930+X931+X932+X933+X934+X935+X936+X937+X938+X939+X940+X941+X942+X943+X944+X945+X946+X947+X948+X949+X950+X951+X952+X953+X954+X955+X956+X957+X958+X959+X960+X961+X962+X963+X964+X965+X966+X967+X968+X969+X970+X971+X972+X973+X974+X975+X976+X977+X978+X979+X980+X981+X982+X983+X984+X985+X986+X987+X988+X989+X990+X991+X992+X993+X994+X995+X996+X997+X998+X999+X1000+X1001+X1002+X1003+X1004+X1005+X1006+X1007+X1008+X1036+X1037+X1038+X1039+X1040+X1041+X1042+X1043+X1044+X1045+X1046+X1047+X1048+X1049+X1050+X1051+X1052+X1053+X1054+X1055+X1056+X1057+X1058+X1059+X1060+X1061+X1062+X1063+X1064+X1065+X1066+X1067+X1068+X1069+X1070+X1071+X1072+X1073+X1074+X1075+X1076+X1077+X1078+X1079+X1080+X1081+X1082+X1083=72.162
X838+X839+X840+X841+X842+X843+X844+X845+X846+X847+X1009+X1010+X1011+X1012+X1013+X1014+X1015+X1016+X1017+X1018=72.162

16+6232.45X1317+6463.97X1318+7205.72X1319+6535.6X1320+7551.38X1321+7272.99X1322+6163.05X1323+7178.83X1324+7246.41X1325+6833.15X1326+5733.9X1327+5965.42X1328+6707.17X1329+6037.05X1330+7052.83X1331+6774.44X1332+6127.47X1333+7143.25X1334+7210.83X1335+6797.57X1336+6859.37X1337+6772.49X1338+6430.34X1339+5126.33X1340+6142.11X1341+6209.69X1342+5796.43X1343+6294.99X1344+6208.12X1345+5865.97X1346+5876.55X1347+5842.31X1348+5783.35X1349

ST

X1084+X1085+X1086+X1087+X1088+X1089+X1090+X1091+X1092+X1093+X1094+X1095+X1096+X1097+X1098+X1099+X1100+X1101+X1102+X1103+X1104+X1105+X1106+X1107=45.8
X1108+X1109+X1110+X1111+X1112+X1113+X1114+X1115+X1116+X1117+X1118+X1119+X1120+X1121+X1122+X1123+X1124+X1125+X1126+X1127+X1128+X1129+X1130+X1131=12.3
X1132+X1133+X1134+X1135+X1136+X1137+X1138+X1139+X1140+X1141+X1142+X1143+X1144+X1145+X1146+X1147+X1148+X1149+X1150+X1151+X1152+X1153+X1154+X1155+X1156+X1157+X1158+X1159+X1160+X1161+X1162+X1163+X1164+X1165+X1166+X1167+X1168+X1169+X1170+X1171+X1172=48
X1173+X1174+X1175+X1176+X1177+X1178+X1179+X1180+X1181+X1182+X1183+X1184+X1185+X1186+X1187+X1188+X1189+X1190+X1191+X1192+X1193+X1194+X1195+X1196+X1197+X1198+X1199+X1200+X1201+X1202+X1203+X1204+X1205+X1206+X1207+X1208+X1209+X1210+X1211+X1212+X1213=26.4
X1214+X1215+X1216+X1217+X1218+X1219+X1220+X1221+X1222+X1223+X1224+X1225+X1226+X1227+X1228+X1229+X1230+X1231+X1232+X1233+X1234+X1235+X1236+X1237+X1238+X1239+X1240=30.7
X1241+X1242+X1243+X1244+X1245+X1246+X1247+X1248+X1249+X1250+X1251+X1252+X1253+X1254+X1255+X1256+X1257+X1258+X1259+X1260+X1261+X1262+X1263+X1264+X1265+X1266+X1267=48
X1268+X1269+X1270+X1271+X1272+X1273+X1274+X1275+X1276+X1277+X1278+X1279+X1280+X1281+X1282+X1283+X1284+X1285+X1286+X1287+X1288+X1289+X1290+X1291+X1292+X1293+X1294+X1295+X1296+X1297+X1298+X1299+X1300+X1301+X1302+X1303+X1304+X1305+X1306+X1307+X1308=38.81
X1309+X1310+X1311+X1312+X1313+X1314+X1315+X1316+X1317+X1318+X1319+X1320+X1321+X1322+X1323+X1324+X1325+X1326+X1327+X1328+X1329+X1330+X1331+X1332+X1333+X1334+X1335+X1336+X1337+X1338+X1339+X1340+X1341+X1342+X1343+X1344+X1345+X1346+X1347+X1348+X1349=24.5

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VH0+227.55X1084+227.55X1085+227.55X1086+227.55X1087+227.55X1088+227.55X1089+227.55X1090+227.55X1091+227.55X1092+227.55X1093+227.55X1094+227.55X1095+227.55X1096+227.55X1097+227.55X1098+227.55X1099+227.55X1100+227.55X1101+227.55X1102+227.55X1103+227.55X1104+227.55X1105+227.55X1106+227.55X1107+227.55X1108+227.55X1109+227.55X1110+227.55X1111+227.55X1112+227.55X1113+227.55X1114+227.55X1115+227.55X1116+227.55X1117+227.55X1118+227.55X1119+227.55X1120+227.55X1121+227.55X1122+227.55X1123+227.55X1124+227.55X1125+227.55X1126+227.55X1127+227.55X1128+227.55X1129+227.55X1130+227.55X1131=0

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VH1+275.81X1132+275.81X1133+275.81X1134+275.81X1135+275.81X1136+275.81X1137+275.81X1138+275.81X1139+275.81X1140+275.81X1141+275.81X1142+275.81X1143+275.81X1144+275.81X1145+275.81X1146+275.81X1147+275.81X1148+275.81X1149+275.81X1173+275.81X1174+275.81X1175+275.81X1176+275.81X1177+275.81X1178+275.81X1179+275.81X1180+275.81X1181+275.81X1182+275.81X1183+275.81X1184+275.81X1185+275.81X1186+275.81X1187+275.81X1188+275.81X1189+275.81X1190+275.81X1268+275.81X1269+275.81X1270+275.81X1271+275.81X1272+275.81X1273+275.81X1274+275.81X1275+275.81X1276+275.81X1277+275.81X1278+275.81X1279+275.81X1280+275.81X1281+275.81X1282+275.81X1283+275.81X1284+275.81X1285+202.22X1309+202.22X1310+202.22X1311+202.22X1312+202.22X1313+202.22X1314+202.22X1315+202.22X1316+202.22X1317+202.22X1318+202.22X1319+202.22X1320+202.22X1321+202.22X1322+202.22X1323+202.22X1324+202.22X1325+202.22X1326=0

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VH2+341.82X1150+341.82X1151+341.82X1152+341.82X1153+341.82X1154+341.82X1155+341.82X1156+341.82X1157+341.82X1158+341.82X1159+341.82X1160+341.82X1161+341.82X1162+341.82X1163+341.82X1164+341.82X1165+341.82X1166+341.82X1167+341.82X1168+341.82X1169+341.82X1170+341.82X1171+341.82X1172+341.82X1173+341.82X1174+341.82X1175+341.82X1176+341.82X1177+341.82X1178+341.82X1179+341.82X1180+341.82X1181+341.82X1182+341.82X1183+341.82X1184+341.82X1185+341.82X1186+341.82X1187+341.82X1188+341.82X1189+341.82X1190+341.82X1191+341.82X1192+341.82X1193+341.82X1194+341.82X1195+341.82X1196+341.82X1197+341.82X1198+341.82X1199+341.82X1200+341.82X1201+341.82X1202+341.82X1203+341.82X1268+341.82X1269+341.82X1270+341.82X1271+341.82X1272+341.82X1273+341.82X1274+341.82X1275+341.82X1276+341.82X1277+341.82X1278+341.82X1279+341.82X1280+341.82X1281+341.82X1282+341.82X1283+341.82X1284+341.82X1285+255.68X1327+255.68X1328+255.68X1329+255.68X1330+255.68X1331+255.68X1332+255.68X1333+255.68X1334+255.68X1335+255.68X1336+255.68X1337+255.68X1338+255.68X1339=0

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VH3+388.96X1163+388.96X1164+388.96X1165+388.96X1166+388.96X1167+388.96X1168+388.96X1169+388.96X1170+388.96X1171+388.96X1172+388.96X1173+388.96X1174+388.96X1175+388.96X1176+388.96X1177+388.96X1178+388.96X1179+388.96X1180+388.96X1233+388.96X1234+388.96X1235+388.96X1236+388.96X1237+388.96X1238+388.96X1239+388.96X1240+388.96X1260+388.96X1261+388.96X1262+388.96X1263+388.96X1264+388.96X1265+388.96X1266+388.96X1267+275.81X1268+275.81X1269+275.81X1270+275.81X1271+275.81X1272+275.81X1273+275.81X1274+275.81X1275+202.22X1309+202.22X1310+202.22X1311+202.22X1312+202.22X1313+202.22X1314+202.22X1315+202.22X1316+202.22X1317+202.22X1318+202.22X1319+202.22X1320+202.22X1321+202.22X1322+202.22X1323+202.22X1324+202.22X1325+202.22X1326+202.22X1327+202.22X1328+202.22X1329+202.22X1330+202.22X1331+202.22X1332+202.22X1333+202.22X1334+202.22X1335+202.22X1336+202.22X1337+202.22X1338+202.22X1339=0

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VH4+139.67X1084+139.67X1085+139.67X1086+139.67X1087+139.67X1088+139.67X1089+139.67X1090+139.67X1091+139.67X1092+139.67X1100+139.67X1101+139.67X1102+139.67X1103+139.67X1104+139.67X1105+139.67X1106+139.67X1107+139.67X1108+139.67X1109+139.67X1110+139.67X1111+139.67X1112+139.67X1113+139.67X1114+139.67X1115+139.67X1116+341.82X1224+341.82X1225+341.82X1226+341.82X1227+341.82X1228+341.82X1229+341.82X1230+341.82X1231+341.82X1232+341.82X1233+341.82X1234+341.82X1235+341.82X1236+341.82X1237+341.82X1238+341.82X1239+341.82X1240+341.82X1241+341.82X1242+341.82X1243+341.82X1244+341.82X1245+341.82X1246+341.82X1247+341.82X1248+341.82X1249+341.82X1250+388.96X1299+388.96X1300+388.96X1301+388.96X1302+388.96X1303+388.96X1304+388.96X1305+388.96X1306+388.96X1307+388.96X1308+293.27X1340+293.27X1341+293.27X1342+293.27X1343+293.27X1344+293.27X1345+293.27X1346+293.27X1347+293.27X1348+293.27X1349=0

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VH5+184.27X1093+184.27X1094+184.27X1095+184.27X1096+184.27X1097+184.27X1098+184.27X1099+184.27X1100+184.27X1101+184.27X1102+184.27X1103+184.27X1104+184.27X1105+184.27X1106+184.27X1107+184.27X1108+184.27X1109+184.27X1110+184.27X1111+184.27X1112+184.27X1113+184.27X1114+184.27X1115+184.27X1116+184.27X1117+184.27X1118+184.27X1119+184.27X1120+184.27X1121+184.27X1122+184.27X1123+184.27X1124+184.27X1125+275.81X1132+275.81X1133+275.81X1134+275.81X1135+275.81X1136+275.81X1137+275.81X1138+275.81X1139+275.81X1173+275.81X1174+275.81X1175+275.81X1176+275.81X1177+275.81X1178+275.81X1179+275.81X1180+388.96X1233+388.96X1234+388.96X1235+388.96X1236+388.96X1237+388.96X1238+388.96X1239+388.96X1240+388.96X1260+388.96X1261+388.96X1262+388.96X1263+388.96X1264+388.96X1265+388.96X1266+388.96X1267+275.81X1268+275.81X1269+275.81X1270+275.81X1271+275.81X1272+275.81X1273+275.81X1274+275.81X1275+202.22X1309+202.22X1310+202.22X1311+202.22X1312+202.22X1313+202.22X1314+202.22X1315+202.22X1316=0

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VH6+212.78X1102+212.78X1103+212.78X1104+212.78X1105+212.78X1106+212.78X1107+212.78X1108+212.78X1109+212.78X1110+212.78X1111+212.78X1112+212.78X1113+212.78X1114+212.78X1115+212.78X1116+212.78X1117+212.78X1118+212.78X1119+212.78X1120+212.78X1121+212.78X1122+212.78X1123+212.78X1124+212.78X1125+212.78X1126+212.78X1127+212.78X1128+212.78X1129+212.78X1130+212.78X1131+341.82X1140+341.82X1141+341.82X1142+341.82X1143+341.82X1144+341.82X1145+275.81X1150+275.81X1151+275.81X1152+275.81X1153+275.81X1154+275.81X1155+341.82X1181+341.82X1182+341.82X1183+341.82X1184+341.82X1185+341.82X1186+27

5.81X1191+275.81X1192+275.81X1193+275.81X1194+275.81X1195+275.81X1196+341.82X1276+341.82X1277+341.82X1278+341.82X1279+341.82X1280+341.82X1281+275.81X1286+275.81X1287+275.81X1288+275.81X1289+275.81X1290+275.81X1291+255.68X1317+255.68X1318+255.68X1319+255.68X1320+255.68X1321+255.68X1322+202.22X1327+202.22X1328+202.22X1329+202.22X1330+202.22X1331+202.22X1332=0

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VH7+388.96X1146+388.96X1147+388.96X1148+388.96X1149+341.82X1156+341.82X1157+341.82X1158+341.82X1159+275.81X1163+275.81X1164+275.81X1165+275.81X1166+388.96X1187+388.96X1188+388.96X1189+388.96X1190+341.82X1197+341.82X1198+341.82X1199+341.82X1200+275.81X1204+275.81X1205+275.81X1206+275.81X1207+275.81X1214+275.81X1215+275.81X1216+275.81X1217+275.81X1241+275.81X1242+275.81X1243+275.81X1244+388.96X1282+388.96X1283+388.96X1284+388.96X1285+341.82X1292+341.82X1293+341.82X1294+341.82X1295+275.81X1299+275.81X1300+275.81X1301+275.81X1302+293.27X1323+293.27X1324+293.27X1325+293.27X1326+255.68X1333+255.68X1334+255.68X1335+255.68X1336+202.22X1340+202.22X1341+202.22X1342+202.22X1343=0

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VH8+139.67X1084+139.67X1085+139.67X1086+139.67X1108+139.67X1109+139.67X1110+388.96X1160+388.96X1161+388.96X1162+341.82X1167+341.82X1168+341.82X1169+388.96X1201+388.96X1202+388.96X1203+341.82X1208+341.82X1209+341.82X1210+341.82X1218+341.82X1219+341.82X1220+275.81X1224+275.81X1225+275.81X1226+341.82X1245+341.82X1246+341.82X1247+275.81X1251+275.81X1252+275.81X1253+388.96X1296+388.96X1297+388.96X1298+341.82X1303+341.82X1304+341.82X1305+293.27X1337+293.27X1338+293.27X1339+255.68X1344+255.68X1345+255.68X1346=0

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VH9+184.27X1087+184.27X1088+184.27X1089+139.67X1093+139.67X1094+139.67X1095+184.27X1111+184.27X1112+184.27X1113+139.67X1117+139.67X1118+139.67X1119+275.81X1132+275.81X1133+275.81X1134+388.96X1170+388.96X1171+388.96X1172+275.81X1173+275.81X1174+275.81X1181+275.81X1182+275.81X1183+388.96X1213+388.96X1221+388.96X1222+388.96X1223+341.82X1227+341.82X1228+341.82X1229+275.81X1233+275.81X1234+275.81X1235+388.96X1248+388.96X1249+388.96X1250+341.82X1254+341.82X1255+341.82X1256+275.81X1260+275.81X1261+275.81X1262+275.81X1268+275.81X1269+275.81X1270+388.96X1306+388.96X1307+388.96X1308+202.22X1309+202.22X1310+202.22X1311+293.27X1347+293.27X1348+293.27X1349=0

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VH10+212.78X1090+212.78X1091+212.78X1092+184.27X1096+184.27X1097+184.27X1098+139.67X1102+139.67X1103+139.67X1104+212.78X1114+212.78X1115+212.78X1116+184.27X1120+184.27X1121+184.27X1122+139.67X1126+139.67X1127+139.67X1128+341.82X1135+341.82X1136+341.82X1137+275.81X1140+275.81X1141+275.81X1142+275.81X1150+275.81X1151+275.81X1152+341.82X1176+341.82X1177+341.82X1178+275.81X1181+275.81X1182+275.81X1183+275.81X1191+275.81X1192+275.81X1193+388.96X1230+388.96X1231+388.96X1232+341.82X1236+341.82X1237+341.82X1238+388.96X1257+388.96X1258+388.96X1259+341.82X1263+341.82X1264+341.82X1265+341.82X1271+341.82X1272+341.82X1273+275.81X1276+275.81X1277+275.81X1278+275.81X1286+275.81X1287+275.81X1288+255.68X1312+255.68X1313+255.68X1314+202.22X1317+202.22X1318+202.22X1319+202.22X1327+202.22X1328+202.22X1329=0

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VH11+212.78X1099+212.78X1100+212.78X1101+184.27X1105+184.27X1106+212.78X1123+212.78X1124+212.78X1125+184.27X1129+184.27X1130+388.96X1138+388.96X1139+341.82X1143+341.82X1144+275.81X1146+275.81X1147+341.82X1153+341.82X1154+275.81X1156+275.81X1157+275.81X1163+275.81X1164+388.96X1179+388.96X1180+341.82X1184+341.82X1185+275.81X1187+275.81X1188+341.82X1194+341.82X1195+275.81X1197+275.81X1198+275.81X1204+275.81X1205+275.81X1214+275.81X1215+388.96X1239+388.96X1240+275.81X1241+275.81X1242+388.96X1266+388.96X1267+388.96X1274+388.96X1275+341.82X1279+341.82X1280+275.81X1282+275.81X1283+341.82X1289+341.82X1290+275.81X1292+275.81X1293+275.81X1299+275.81X1300+293.27X1315+293.27X1316+255.68X1320+255.68X1321+202.22X1323+202.22X1324+255.68X1330+255.68X1331+202.22X1333+202.22X1334+202.22X1340+202.22X1341=0

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VH12+139.67X1084+212.78X1107+139.67X1108+212.78X1131+388.96X1145+341.82X1148+388.96X1155+341.82X1158+275.81X1160+341.82X1165+275.81X1167+388.96X1186+341.82X1189+388.96X1196+341.82X1199+275.81X1201+341.82X1206+275.81X1208+341.82X1216+275.81X1218+275.81X1224+341.82X1243+275.81X1245+275.81X1251+388.96X1281+341.82X1284+388.96X1291+341.82X1294+275.81X1296+341.82X1301+275.81X1303+293.27X1322+255.68X1325+293.27X1332+255.68X1335+202.22X1337+255.68X1342+202.22X1344=0

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VH13+184.27X1085+139.67X1087+139.67X1093+184.27X1109+139.67X1111+139.67X1117+275.81X1132+388.96X1149+388.96X1159+341.82X1161+388.96X1166+341.82X1168+275.81X1170+275.81X1173+388.96X1190+388.96X1200+341.82X1202+388.96X1207+341.82X1209+275.81X1211+388.96X1217+341.82X1219+275.81X1221+341.82X1225+275.81X1227+275.81X1233+388.96X1244+341.82X1246+275.81X1248+341.82X1252+275.81X1254+275.81X1260+275.81X1268+388.96X1285+388.96X1295+341.82X1297+388.96X1302+341.82X1304+275.81X1306+202.22X1309+293.27X1326+293.27X1336+255.68X1338+293.27X1343+255.68X1345+202.22X1347=0

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VH14+212.78X1086+184.27X1088+139.67X1090+184.27X1094+139.67X1096+139.67X1102+212.78X1110+184.27X1112+139.67X1114+184.27X1118+139.67X1120+139.67X1126+341.82X1133+275.81X1135+275.81X1140+275.81X1150+388.96X1162+388.96X1169+341.82X1171+341.82X1174+275.81X1176+275.81X1181+275.81X1191+388.96X1203+388.96X1210+341.82X1212+388.96X1220+341.82X1222+388.96X1226+341.82X1228+275.81X1230+341.82X1234+275.81X1236+388.96X1247+341.82X1249+388.96X1253+341.82X1255+275.81X1257+341.82X1261+275.81X1263+341.82X1269+275.81X1271+275.81X1276+275.81X1286+388.96X1298+388.96X1305+341.82X1307+255.68X1310+202.22X1312+202.22X1317+202.22X1327+293.27X1339+293.27X1346+255.68X1348=0

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VH15+212.78X1089+184.27X1091+212.78X1095+184.27X1097+139.67X1099+184.27X1103+139.67X1105+212.78X1113+184.27X1115+212.78X1119+184.27X1121+139.67X1123+184.27X1127+139.67X1129+388.96X1134+341.82X1136+275.81X1138+341.82X1141+275.81X1143+275.81X1146+341.82X1151+275.81X1153+275.81X1156+275.81X1163+388.96X1172+388.96X1175+341.82X1177+275.81X1179+341.82X1182+275.81X1184+275.81X1187+341.82X1192+275.81X1194+275.81X1197+275.81X1204+388.96X1213+275.81X1214+388.96X1223+388.96X1229+341.82X1231+388.96X1235+341.82X1237+275.81X1239+275.81X1241+388.96X1250+388.96X1256+341.82X1258+388.96X1262+341.82X1264+275.81X1266+388.96X1270+341.82X1272+275.81X1274+341.82X1277+275.81X1279+275.81X1282+341.82X1287+275.81X1289+275.81X1292+275.81X1299+388.96X1308+293.27X1311+255.68X1313+202.22X1315+255.68X1318+202.22X1320+202.22X1323+255.68X1328+202.22X1330+202.22X1333+202.22X1334+0+293.27X1349=0

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VH16+139.67X1084+212.78X1092+212.78X1098+184.27X1100+184.27X1101+212.78X1104+184.27X1106+139.67X1107+139.67X1108+212.78X1116+212.78X1122+184.27X1124+184.27X1125+212.78X1128+184.27X1130+139.67X1131+388.96X1137+341.82X1139+388.96X1142+341.82X1144+275.81X1145+341.82X1147+275.81X1148+388.96X1152+341.82X1154+275.81X1155+341.82X1157+275.81X1158+275.81X1160+341.82X1164+275.81X1165+275.81X1167+388.96X1178+341.82X1180+388.96X1183+341.82X1185+275.81X1186+341.82X1188+275.81X1189+388.96X1193+341.82X1195+275.81X1196+341.82X1198+275.81X1199+275.81X1201+341.82X1205+275.81X1206+275.81X1208+341.82X1215+275.81X1216+275.81X1218+275.81X1224+388.96X1232+388.96X1238+341.82X1240+341.82X1242+275.81X1243+275.81X1245+275.81X1251+388.96X1259+388.96X1265+341.82X1267+388.96X1273+341.82X1275+388.96X1278+341.82X1280+275.81X1281+341.82X1283+275.81X1284+388.96X1288+341.82X129

X1420+6136.6X1421+6368.12X1422+7109.87X1423+6073.03X1424+7088.81X1425+6232.45X1426+6463.97X1427+7205.72X1428+6535.6X1429+7551.38X1430+7272.99X1431+6163.05X1432+7178.83X1433+7246.41X1434+6833.15X1435+5733.9X1436+5965.42X1437+6707.17X1438+6037.05X1439+7052.83X1440+6774.44X1441+6127.47X1442+7143.25X1443+7210.83X1444+6797.57X1445+6859.37X1446+6772.49X1447+6430.34X1448+5126.33X1449+6142.11X1450+6209.69X1451+5796.43X1452+6294.99X1453+6208.12X1454+5865.97X1455+5876.55X1456+5842.31X1457+5783.35X1458+6094.92X1459+6060.68X1460+6001.73X1461+6136.6X1462+6368.12X1463+7109.87X1464+6073.03X1465+7088.81X1466+6232.45X1467+6463.97X1468+7205.72X1469+6535.6X1470+7551.38X1471+7272.99X1472+6163.05X1473+7178.83X1474+7246.41X1475+6833.15X1476+5733.9X1477+5965.42X1478+6707.17X1479+6037.05X1480+7052.83X1481+6774.44X1482+6127.47X1483+7143.25X1484+7210.83X1485+6797.57X1486+6859.37X1487+6772.49X1488+6430.34X1489+5126.33X1490+6142.11X1491+6209.69X1492+5796.43X1493+6294.99X1494+6208.12X1495+5865.97X1496+5876.55X1497+5842.31X1498+5783.35X1499+14753.52X1500+14616.43X1501+14414.62X1502+14655.55X1503+14801.35X1504+15211.46X1505+14399.4X1506+15137.45X1507+14704.94X1508+14850.74X1509+15260.85X1510+14887.65X1511+15625.7X1512+15246.5X1513+14380.19X1514+15118.24X1515+15153.06X1516+14596X1517+14025.84X1518+14171.65X1519+14581.76X1520+14208.56X1521+14946.61X1522+14567.41X1523+14255.15X1524+14993.2X1525+15028.02X1526+14470.96X1527+14549.28X1528+14382.81X1529+13877.24X1530+12977.9X1531+13715.95X1532+13750.76X1533+13193.71X1534+13794.72X1535+13628.25X1536+13122.68X1537+13176.61X1538+13039.52X1539+12837.71X1540+6094.92X1541+6060.68X1542+6001.73X1543+6136.6X1544+6368.12X1545+7109.87X1546+6073.03X1547+7088.81X1548+6232.45X1549+6463.97X1550+7205.72X1551+6535.6X1552+7551.38X1553+7272.99X1554+6163.05X1555+7178.83X1556+7246.41X1557+6833.15X1558+5733.9X1559+5965.42X1560+6707.17X1561+6037.05X1562+7052.83X1563+6774.44X1564+6127.47X1565+7143.25X1566+7210.83X1567+6797.57X1568+6859.37X1569+6772.49X1570+6430.34X1571+5126.33X1572+6142.11X1573+6209.69X1574+5796.43X1575+6294.99X1576+6208.12X1577+5865.97X1578+5876.55X1579+5842.31X1580+5783.35X1581+6094.92X1582+6060.68X1583+6001.73X1584+6136.6X1585+6368.12X1586+7109.87X1587+6073.03X1588+7088.81X1589+6232.45X1590+6463.97X1591+7205.72X1592+6535.6X1593+7551.38X1594+7272.99X1595+6163.05X1596+7178.83X1597+7246.41X1598+6833.15X1599+5733.9X1600+5965.42X1601+6707.17X1602+6037.05X1603+7052.83X1604+6774.44X1605+6127.47X1606+7143.25X1607+7210.83X1608+6797.57X1609+6859.37X1610+6772.49X1611+6430.34X1612+5126.33X1613+6142.11X1614+6209.69X1615+5796.43X1616+6294.99X1617+6208.12X1618+5865.97X1619+5876.55X1620+5842.31X1621+5783.35X1622

ST

X1350+X1351+X1352+X1353+X1354+X1355+X1356+X1357+X1358+X1359+X1360+X1361+X1362+X1363+X1364+X1365+X1366+X1367+X1368+X1369+X1370+X1371+X1372+X1373+X1374+X1375+X1376+X1377+X1378+X1379+X1380+X1381+X1382+X1383+X1384+X1385+X1386+X1387+X1388+X1389+X1390=45.7
X1391+X1392+X1393+X1394+X1395+X1396+X1397+X1398+X1399+X1400+X1401+X1402+X1403+X1404+X1405+X1406+X1407+X1408+X1409+X1410+X1411+X1412+X1413+X1414+X1415+X1416+X1417=37.6
X1418+X1419+X1420+X1421+X1422+X1423+X1424+X1425+X1426+X1427+X1428+X1429+X1430+X1431+X1432+X1433+X1434+X1435+X1436+X1437+X1438+X1439+X1440+X1441+X1442+X1443+X1444+X1445+X1446+X1447+X1448+X1449+X1450+X1451+X1452+X1453+X1454+X1455+X1456+X1457+X1458=40.78
X1459+X1460+X1461+X1462+X1463+X1464+X1465+X1466+X1467+X1468+X1469+X1470+X1471+X1472+X1473+X1474+X1475+X1476+X1477+X1478+X1479+X1480+X1481+X1482+X1483+X1484+X1485+X1486+X1487+X1488+X1489+X1490+X1491+X1492+X1493+X1494+X1495+X1496+X1497+X1498+X1499=40.9
X1500+X1501+X1502+X1503+X1504+X1505+X1506+X1507+X1508+X1509+X1510+X1511+X1512+X1513+X1514+X1515+X1516+X1517+X1518+X1519+X1520+X1521+X1522+X1523+X1524+X1525+X1526+X1527+X1528+X1529+X1530+X1531+X1532+X1533+X1534+X1535+X1536+X1537+X1538+X1539+X1540=43.7
X1541+X1542+X1543+X1544+X1545+X1546+X1547+X1548+X1549+X1550+X1551+X1552+X1553+X1554+X1555+X1556+X1557+X1558+X1559+X1560+X1561+X1562+X1563+X1564+X1565+X1566+X1567+X1568+X1569+X1570+X1571+X1572+X1573+X1574+X1575+X1576+X1577+X1578+X1579+X1580+X1581=27.9
X1582+X1583+X1584+X1585+X1586+X1587+X1588+X1589+X1590+X1591+X1592+X1593+X1594+X1595+X1596+X1597+X1598+X1599+X1600+X1601+X1602+X1603+X1604+X1605+X1606+X1607+X1608+X1609+X1610+X1611+X1612+X1613+X1614+X1615+X1616+X1617+X1618+X1619+X1620+X1621+X1622=34.9

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VH1+275.81X1350+275.81X1351+275.81X1352+275.81X1353+275.81X1354+275.81X1355+275.81X1356+275.81X1357+275.81X1358+275.81X1359+275.81X1360+275.81X1361+275.81X1362+275.81X1363+275.81X1364+275.81X1365+275.81X1366+275.81X1367+202.22X1418+202.22X1419+202.22X1420+202.22X1421+202.22X1422+202.22X1423+202.22X1424+202.22X1425+202.22X1426+202.22X1427+202.22X1428+202.22X1429+202.22X1430+202.22X1431+202.22X1432+202.22X1433+202.22X1434+202.22X1435+202.22X1459+202.22X1460+202.22X1461+202.22X1462+202.22X1463+202.22X1464+202.22X1465+202.22X1466+202.22X1467+202.22X1468+202.22X1469+202.22X1470+202.22X1471+202.22X1472+202.22X1473+202.22X1474+202.22X1475+202.22X1476+275.81X1500+275.81X1501+275.81X1502+275.81X1503+275.81X1504+275.81X1505+275.81X1506+275.81X1507+275.81X1508+275.81X1509+275.81X1510+275.81X1511+275.81X1512+275.81X1513+275.81X1514+275.81X1515+275.81X1516+275.81X1517+202.22X1541+202.22X1542+202.22X1543+202.22X1544+202.22X1545+202.22X1546+202.22X1547+202.22X1548+202.22X1549+202.22X1550+202.22X1551+202.22X1552+202.22X1553+202.22X1554+202.22X1555+202.22X1556+202.22X1557+202.22X1558+202.22X1582+202.22X1583+202.22X1584+202.22X1585+202.22X1586+202.22X1587+202.22X1588+202.22X1589+202.22X1590+202.22X1591+202.22X1592+202.22X1593+202.22X1594+202.22X1595+202.22X1596+202.22X1597+202.22X1598+202.22X1599=0

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VH2+341.82X1368+341.82X1369+341.82X1370+341.82X1371+341.82X1372+341.82X1373+341.82X1374+341.82X1375+341.82X1376+341.82X1377+341.82X1378+341.82X1379+341.82X1380+255.68X1436+255.68X1437+255.68X1438+255.68X1439+255.68X1440+255.68X1441+255.68X1442+255.68X1443+255.68X1444+255.68X1445+255.68X1446+255.68X1447+255.68X1448+255.68X1477+255.68X1478+255.68X1479+255.68X1480+255.68X1481+255.68X1482+255.68X1483+255.68X1484+255.68X1485+255.68X1486+255.68X1487+255.68X1488+255.68X1489+341.82X1518+341.82X1519+341.82X1520+341.82X1521+341.82X1522+341.82X1523+341.82X1524+341.82X1525+341.82X1526+341.82X1527+341.82X1528+341.82X1529+341.82X1530+255.68X1559+255.68X1560+255.68X1561+255.68X1562+255.68X1563+255.68X1564+255.68X1565+255.68X1566+255.68X1567+255.68X1568+255.68X1569+255.68X1570+255.68X1571+255.68X1600+255.68X1601+255.68X1602+255.68X1603+255.68X1604+255.68X1605+255.68X1606+255.68X1607+255.68X1608+255.68X1609+255.68X1610+255.68X1611+255.68X1612=0

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VH3+388.96X1381+388.96X1382+388.96X1383+388.96X1384+388.96X1385+388.96X1386+388.96X1387+388.96X1388+388.96X1389+388.96X1390+275.81X1391+275.81X1392+275.81X1393+275.81X1394+275.81X1395+275.81X1396+275.81X1397+275.81X1398+275.81X1399+275.81X1400+293.27X1449+293.27X1450+293.27X1451+293.27X1452+293.27X1453+293.27X1454+293.27X1455+293.27X1456+293.27X1457+293.27X1458+293.27X1490+293.27X1491+293.27X1492+293.27X1493+293.27X1494+293.27X1495+293.27X1496+293.27X1497+293.27X1498+293.27X1499+388.96X1531+388.96X1532+388.96X1533+388.96X1534+388.96X1535+388.96X1536+388.96X1537+388.96X1538+388.96X1539+388.96X1540+293.27X

1572+293.27X1573+293.27X1574+293.27X1575+293.27X1576+293.27X1577+293.27X1578+293.27X1579+293.27X1580+293.27X1581+293.27X16
13+293.27X1614+293.27X1615+293.27X1616+293.27X1617+293.27X1618+293.27X1619+293.27X1620+293.27X1621+293.27X1622=0
-VH4+341.82X1401+341.82X1402+341.82X1403+341.82X1404+341.82X1405+341.82X1406+341.82X1407+341.82X1408+341.82X1409=0

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VH5+275.81X1350+275.81X1351+275.81X1352+275.81X1353+275.81X1354+275.81X1355+275.81X1356+275.81X1357+388.96X1410+388.96X141
1+388.96X1412+388.96X1413+388.96X1414+388.96X1415+388.96X1416+388.96X1417+202.22X1418+202.22X1419+202.22X1420+202.22X1421+
202.22X1422+202.22X1423+202.22X1424+202.22X1425+202.22X1459+202.22X1460+202.22X1461+202.22X1462+202.22X1463+202.22X1464+20
2.22X1465+202.22X1466+275.81X1500+275.81X1501+275.81X1502+275.81X1503+275.81X1504+275.81X1505+275.81X1506+275.81X1507+202.2
2X1541+202.22X1542+202.22X1543+202.22X1544+202.22X1545+202.22X1546+202.22X1547+202.22X1548+202.22X1582+202.22X1583+202.22X
1584+202.22X1585+202.22X1586+202.22X1587+202.22X1588+202.22X1589=0

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VH6+341.82X1358+341.82X1359+341.82X1360+341.82X1361+341.82X1362+341.82X1363+275.81X1368+275.81X1369+275.81X1370+275.81X137
1+275.81X1372+275.81X1373+255.68X1426+255.68X1427+255.68X1428+255.68X1429+255.68X1430+255.68X1431+202.22X1436+202.22X1437+
202.22X1438+202.22X1439+202.22X1440+202.22X1441+255.68X1467+255.68X1468+255.68X1469+255.68X1470+255.68X1471+255.68X1472+20
2.22X1477+202.22X1478+202.22X1479+202.22X1480+202.22X1481+202.22X1482+341.82X1508+341.82X1509+341.82X1510+341.82X1511+341.8
2X1512+341.82X1513+275.81X1518+275.81X1519+275.81X1520+275.81X1521+275.81X1522+275.81X1523+255.68X1549+255.68X1550+255.68X
1551+255.68X1552+255.68X1553+255.68X1554+202.22X1559+202.22X1560+202.22X1561+202.22X1562+202.22X1563+202.22X1564+255.68X15
90+255.68X1591+255.68X1592+255.68X1593+255.68X1594+255.68X1595+202.22X1600+202.22X1601+202.22X1602+202.22X1603+202.22X1604
+202.22X1605=0

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VH7+388.96X1364+388.96X1365+388.96X1366+388.96X1367+341.82X1374+341.82X1375+341.82X1376+341.82X1377+275.81X1381+275.81X138
2+275.81X1383+275.81X1384+275.81X1391+275.81X1392+275.81X1393+275.81X1394+293.27X1432+293.27X1433+293.27X1434+293.27X1435+
255.68X1442+255.68X1443+255.68X1444+255.68X1445+202.22X1449+202.22X1450+202.22X1451+202.22X1452+293.27X1473+293.27X1474+29
3.27X1475+293.27X1476+255.68X1483+255.68X1484+255.68X1485+255.68X1486+202.22X1490+202.22X1491+202.22X1492+202.22X1493+388.9
6X1514+388.96X1515+388.96X1516+388.96X1517+341.82X1524+341.82X1525+341.82X1526+341.82X1527+275.81X1531+275.81X1532+275.81X
1533+275.81X1534+293.27X1555+293.27X1556+293.27X1557+293.27X1558+255.68X1565+255.68X1566+255.68X1567+255.68X1568+202.22X15
72+202.22X1573+202.22X1574+202.22X1575+293.27X1596+293.27X1597+293.27X1598+293.27X1599+255.68X1606+255.68X1607+255.68X1608
+255.68X1609+202.22X1613+202.22X1614+202.22X1615+202.22X1616=0

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VH8+388.96X1378+388.96X1379+388.96X1380+341.82X1385+341.82X1386+341.82X1387+341.82X1395+341.82X1396+341.82X1397+275.81X140
1+275.81X1402+275.81X1403+293.27X1446+293.27X1447+293.27X1448+255.68X1453+255.68X1454+255.68X1455+293.27X1487+293.27X1488+
293.27X1489+255.68X1494+255.68X1495+255.68X1496+388.96X1528+388.96X1529+388.96X1530+341.82X1535+341.82X1536+341.82X1537+29
3.27X1569+293.27X1570+293.27X1571+255.68X1576+255.68X1577+255.68X1578+293.27X1610+293.27X1611+293.27X1612+255.68X1617+255.6
8X1618+255.68X1619=0

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VH9+275.81X1350+275.81X1351+275.81X1352+388.96X1388+388.96X1389+388.96X1390+388.96X1398+388.96X1399+388.96X1400+341.82X140
4+341.82X1405+341.82X1406+275.81X1410+275.81X1411+275.81X1412+202.22X1418+202.22X1419+202.22X1420+293.27X1456+293.27X1457+
293.27X1458+202.22X1459+202.22X1460+202.22X1461+293.27X1497+293.27X1498+293.27X1499+275.81X1500+275.81X1501+275.81X1502+38
8.96X1538+388.96X1539+388.96X1540+202.22X1541+202.22X1542+202.22X1543+293.27X1579+293.27X1580+293.27X1581+202.22X1582+202.2
2X1583+202.22X1584+293.27X1620+293.27X1621+293.27X1622=0

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VH10+341.82X1353+341.82X1354+341.82X1355+275.81X1358+275.81X1359+275.81X1360+275.81X1368+275.81X1369+275.81X1370+388.96X14
07+388.96X1408+388.96X1409+341.82X1413+341.82X1414+341.82X1415+255.68X1421+255.68X1422+255.68X1423+202.22X1426+202.22X1427
+202.22X1428+202.22X1436+202.22X1437+202.22X1438+255.68X1462+255.68X1463+255.68X1464+202.22X1467+202.22X1468+202.22X1469+2
02.22X1477+202.22X1478+202.22X1479+341.82X1503+341.82X1504+341.82X1505+275.81X1508+275.81X1509+275.81X1510+275.81X1518+275.
81X1519+275.81X1520+255.68X1544+255.68X1545+255.68X1546+202.22X1549+202.22X1550+202.22X1551+202.22X1559+202.22X1560+202.22
X1561+255.68X1585+255.68X1586+255.68X1587+202.22X1590+202.22X1591+202.22X1592+202.22X1600+202.22X1601+202.22X1602=0

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VH11+388.96X1356+388.96X1357+341.82X1361+341.82X1362+275.81X1364+275.81X1365+341.82X1371+341.82X1372+275.81X1374+275.81X13
75+275.81X1381+275.81X1382+275.81X1391+275.81X1392+388.96X1416+388.96X1417+293.27X1424+293.27X1425+255.68X1429+255.68X1430
+202.22X1432+202.22X1433+255.68X1439+255.68X1440+202.22X1442+202.22X1443+202.22X1449+202.22X1450+293.27X1465+293.27X1466+2
55.68X1470+255.68X1471+202.22X1473+202.22X1474+255.68X1480+255.68X1481+202.22X1483+202.22X1484+202.22X1490+202.22X1491+388.
96X1506+388.96X1507+341.82X1511+341.82X1512+275.81X1514+275.81X1515+341.82X1521+341.82X1522+275.81X1524+275.81X1525+275.81
X1531+275.81X1532+293.27X1547+293.27X1548+255.68X1552+255.68X1553+202.22X1555+202.22X1556+255.68X1562+255.68X1563+202.22X1
565+202.22X1566+202.22X1572+202.22X1573+293.27X1588+293.27X1589+255.68X1593+255.68X1594+202.22X1596+202.22X1597+255.68X160
3+255.68X1604+202.22X1606+202.22X1607+202.22X1613+202.22X1614=0

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VH12+388.96X1363+341.82X1366+388.96X1373+341.82X1376+275.81X1378+341.82X1383+275.81X1385+341.82X1393+275.81X1395+275.81X14
01+293.27X1431+255.68X1434+293.27X1441+255.68X1444+202.22X1446+255.68X1451+202.22X1453+293.27X1472+255.68X1475+293.27X1482
+255.68X1485+202.22X1487+255.68X1492+202.22X1494+388.96X1513+341.82X1516+388.96X1523+341.82X1526+275.81X1528+341.82X1533+2
75.81X1535+293.27X1554+255.68X1557+293.27X1564+255.68X1567+202.22X1569+255.68X1574+202.22X1576+293.27X1595+255.68X1598+293.
27X1605+255.68X1608+202.22X1610+255.68X1615+202.22X1617=0

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VH13+275.81X1350+388.96X1367+388.96X1377+341.82X1379+388.96X1384+341.82X1386+275.81X1388+388.96X1394+341.82X1396+275.81X13
98+341.82X1402+275.81X1404+275.81X1410+202.22X1418+293.27X1435+293.27X1445+255.68X1447+293.27X1452+255.68X1454+202.22X1456
202.22X1459+293.27X1476+293.27X1486+255.68X1488+293.27X1493+255.68X1495+202.22X1497+275.81X1500+388.96X1517+388.96X1527+3
41.82X1529+388.96X1534+341.82X1536+275.81X1538+202.22X1541+293.27X1558+293.27X1568+255.68X1570+293.27X1575+255.68X1577+202.
22X1579+202.22X1582+293.27X1599+293.27X1609+255.68X1611+293.27X1616+255.68X1618+202.22X1620=0

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VH14+341.82X1351+275.81X1353+275.81X1358+275.81X1368+388.96X1380+388.96X1387+341.82X1389+388.96X1397+341.82X1399+388.96X14
03+341.82X1405+275.81X1407+341.82X1411+275.81X1413+255.68X1419+202.22X1421+202.22X1426+202.22X1436+293.27X1448+293.27X1455
+255.68X1457+255.68X1460+202.22X1462+202.22X1467+202.22X1477+293.27X1489+293.27X1496+255.68X1498+341.82X1501+275.81X1503+2
75.81X1508+275.81X1518+388.96X1530+388.96X1537+341.82X1539+255.68X1542+202.22X1544+202.22X1549+202.22X1559+293.27X1571+293.
27X1578+255.68X1580+255.68X1583+202.22X1585+202.22X1590+202.22X1600+293.27X1612+293.27X1619+255.68X1621=0

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VH15+388.96X1352+341.82X1354+275.81X1356+341.82X1359+275.81X1361+275.81X1364+341.82X1369+275.81X1371+275.81X1374+275.81X1381+388.96X1390+275.81X1391+388.96X1400+388.96X1406+341.82X1408+388.96X1412+341.82X1414+275.81X1416+293.27X1420+255.68X1422+202.22X1424+255.68X1427+202.22X1429+202.22X1432+255.68X1437+202.22X1439+202.22X1442+202.22X1449+293.27X1458+293.27X1461+255.68X1463+202.22X1465+255.68X1468+202.22X1470+202.22X1473+255.68X1478+202.22X1480+202.22X1483+202.22X1490+293.27X1499+388.96X1502+341.82X1504+275.81X1506+341.82X1509+275.81X1511+275.81X1514+341.82X1519+275.81X1521+275.81X1524+275.81X1531+388.96X1540+293.27X1543+255.68X1545+202.22X1547+255.68X1550+202.22X1552+202.22X1555+255.68X1560+202.22X1562+202.22X1565+202.22X1572+293.27X1581+293.27X1584+255.68X1586+202.22X1588+255.68X1591+202.22X1593+202.22X1596+255.68X1601+202.22X1603+202.22X1606+202.22X1613+293.27X1622=0

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VH16+388.96X1355+341.82X1357+388.96X1360+341.82X1362+275.81X1363+341.82X1365+275.81X1366+388.96X1370+341.82X1372+275.81X1373+341.82X1375+275.81X1376+275.81X1378+341.82X1382+275.81X1383+275.81X1385+341.82X1392+275.81X1393+275.81X1395+275.81X1401+388.96X1409+388.96X1415+341.82X1417+293.27X1423+255.68X1425+293.27X1428+255.68X1430+202.22X1431+255.68X1433+202.22X1434+293.27X1438+255.68X1440+202.22X1441+255.68X1443+202.22X1444+202.22X1446+255.68X1450+202.22X1451+202.22X1453+293.27X1464+255.68X1466+293.27X1469+255.68X1471+202.22X1472+255.68X1474+202.22X1475+293.27X1479+255.68X1481+202.22X1482+255.68X1484+202.22X1485+202.22X1487+255.68X1491+202.22X1492+202.22X1494+388.96X1505+341.82X1507+388.96X1510+341.82X1512+275.81X1513+341.82X1515+275.81X1516+388.96X1520+341.82X1522+275.81X1523+341.82X1525+275.81X1526+275.81X1528+341.82X1532+275.81X1533+275.81X1535+293.27X1546+255.68X1548+293.27X1551+255.68X1553+202.22X1554+255.68X1556+202.22X1557+293.27X1561+255.68X1563+202.22X1564+255.68X1566+202.22X1567+202.22X1569+255.68X1573+202.22X1574+202.22X1576+293.27X1587+255.68X1589+293.27X1592+255.68X1594+202.22X1595+255.68X1597+202.22X1598+293.27X1602+255.68X1604+202.22X1605+255.68X1607+202.22X1608+202.22X1610+255.68X1614+202.22X1615+202.22X1617=0

X1350+X1351+X1352+X1353+X1354+X1355+X1356+X1357+X1358+X1359+X1360+X1361+X1362+X1363+X1364+X1365+X1366+X1367+X1418+X1419+X1420+X1421+X1422+X1423+X1424+X1425+X1426+X1427+X1428+X1429+X1430+X1431+X1432+X1433+X1434+X1435+X1459+X1460+X1461+X1462+X1463+X1464+X1465+X1466+X1467+X1468+X1469+X1470+X1471+X1472+X1473+X1474+X1475+X1476+X1500+X1501+X1502+X1503+X1504+X1505+X1506+X1507+X1508+X1509+X1510+X1511+X1512+X1513+X1514+X1515+X1516+X1517+X1542+X1543+X1544+X1545+X1546+X1547+X1548+X1549+X1550+X1551+X1552+X1553+X1554+X1555+X1556+X1557+X1558+X1559+X1582+X1583+X1584+X1585+X1586+X1587+X1588+X1589+X1590+X1591+X1592+X1593+X1594+X1595+X1596+X1597+X1598+X1599=54.296

X1368+X1369+X1370+X1371+X1372+X1373+X1374+X1375+X1376+X1377+X1378+X1379+X1380+X1436+X1437+X1438+X1439+X1440+X1441+X1442+X1443+X1444+X1445+X1446+X1447+X1448+X1449+X1477+X1478+X1479+X1480+X1481+X1482+X1483+X1484+X1485+X1486+X1487+X1488+X1489+X1518+X1519+X1520+X1521+X1522+X1523+X1524+X1525+X1526+X1527+X1528+X1529+X1530+X1559+X1560+X1561+X1562+X1563+X1564+X1565+X1566+X1567+X1568+X1569+X1570+X1571+X1600+X1601+X1602+X1603+X1604+X1605+X1606+X1607+X1608+X1609+X1610+X1611+X1612=54.296

X1381+X1382+X1383+X1384+X1385+X1386+X1387+X1388+X1389+X1390+X1391+X1392+X1393+X1394+X1395+X1396+X1397+X1398+X1399+X1400+X1449+X1450+X1451+X1452+X1453+X1454+X1455+X1456+X1457+X1458+X1490+X1491+X1492+X1493+X1494+X1495+X1496+X1497+X1498+X1499+X1512+X1513+X1514+X1515+X1516+X1517+X1518+X1519+X1520+X1521+X1522+X1523+X1524+X1525+X1526+X1527+X1528+X1529+X1530+X1559+X1560+X1561+X1562+X1563+X1564+X1565+X1566+X1567+X1568+X1569+X1570+X1571+X1600+X1601+X1602+X1603+X1604+X1605+X1606+X1607+X1608+X1609+X1610+X1611+X1612=54.296

X1401+X1402+X1403+X1404+X1405+X1406+X1407+X1408+X1409=54.296

X1350+X1351+X1352+X1353+X1354+X1355+X1356+X1357+X1410+X1411+X1412+X1413+X1414+X1415+X1416+X1417+X1418+X1419+X1420+X1421+X1422+X1423+X1424+X1425+X1426+X1427+X1428+X1429+X1430+X1431+X1432+X1433+X1434+X1435+X1436+X1437+X1438+X1439+X1440+X1441+X1442+X1443+X1444+X1445+X1446+X1447+X1448+X1449+X1477+X1478+X1479+X1480+X1481+X1482+X1483+X1484+X1485+X1486+X1487+X1488+X1489+X1518+X1519+X1520+X1521+X1522+X1523+X1524+X1525+X1526+X1527+X1528+X1529+X1530+X1559+X1560+X1561+X1562+X1563+X1564+X1565+X1566+X1567+X1568+X1569+X1570+X1571+X1600+X1601+X1602+X1603+X1604+X1605=54.296

X1358+X1359+X1360+X1361+X1362+X1363+X1364+X1365+X1366+X1367+X1368+X1369+X1370+X1371+X1372+X1373+X1426+X1427+X1428+X1429+X1430+X1431+X1432+X1433+X1434+X1435+X1436+X1437+X1438+X1439+X1440+X1441+X1442+X1443+X1444+X1445+X1446+X1447+X1448+X1449+X1477+X1478+X1479+X1480+X1481+X1482+X1483+X1484+X1485+X1486+X1487+X1488+X1489+X1518+X1519+X1520+X1521+X1522+X1523+X1524+X1525+X1526+X1527+X1528+X1529+X1530+X1559+X1560+X1561+X1562+X1563+X1564+X1565+X1566+X1567+X1568+X1569+X1570+X1571+X1600+X1601+X1602+X1603+X1604+X1605=54.296

X1364+X1365+X1366+X1367+X1374+X1375+X1376+X1377+X1381+X1382+X1383+X1384+X1391+X1392+X1393+X1394+X1432+X1433+X1434+X1435+X1442+X1443+X1444+X1445+X1446+X1447+X1448+X1449+X1450+X1451+X1452+X1473+X1474+X1475+X1476+X1483+X1484+X1485+X1486+X1490+X1491+X1492+X1493+X1514+X1515+X1516+X1517+X1524+X1525+X1526+X1527+X1528+X1531+X1532+X1533+X1534+X1555+X1556+X1557+X1558+X1565+X1566+X1567+X1568+X1572+X1573+X1574+X1575+X1596+X1597+X1598+X1599+X1606+X1607+X1608+X1609+X1613+X1614+X1615+X1616=54.296

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X1378+X1379+X1380+X1385+X1386+X1387+X1395+X1396+X1397+X1401+X1402+X1403+X1446+X1447+X1448+X1453+X1454+X1455+X1487+X1488+X1489+X1494+X1495+X1496+X1528+X1529+X1530+X1535+X1536+X1537+X1569+X1570+X1571+X1576+X1577+X1578+X1610+X1611+X1612+X1617+X1618+X1619=54.296

X1350+X1351+X1352+X1388+X1389+X1390+X1398+X1399+X1400+X1404+X1405+X1406+X1410+X1411+X1412+X1418+X1419+X1420+X1456+X1457+X1458+X1459+X1460+X1461+X1497+X1498+X1499+X1500+X1501+X1502+X1538+X1539+X1540+X1541+X1542+X1543+X1579+X1580+X1581+X1582+X1583+X1584+X1620+X1621+X1622=54.296

X1353+X1354+X1355+X1358+X1359+X1360+X1368+X1369+X1370+X1407+X1408+X1409+X1413+X1414+X1415+X1421+X1422+X1423+X1426+X1427+X1428+X1436+X1437+X1438+X1462+X1463+X1464+X1467+X1468+X1469+X1477+X1478+X1479+X1503+X1504+X1505+X1508+X1509+X1510+X1518+X1519+X1520+X1544+X1545+X1546+X1549+X1550+X1551+X1559+X1560+X1561+X1585+X1586+X1587+X1590+X1591+X1592+X1600+X1601+X1602=54.296

X1356+X1357+X1361+X1362+X1364+X1365+X1371+X1372+X1374+X1375+X1381+X1382+X1391+X1392+X1416+X1417+X1424+X1425+X1429+X1430+X1432+X1433+X1439+X1440+X1442+X1443+X1449+X1450+X1465+X1466+X1470+X1471+X1473+X1474+X1480+X1481+X1483+X1484+X1490+X1491+X1506+X1507+X1511+X1512+X1514+X1515+X1521+X1522+X1524+X1525+X1531+X1532+X1547+X1548+X1552+X1553+X1555+X1556+X1562+X1563+X1565+X1566+X1572+X1573+X1588+X1589+X1593+X1594+X1596+X1597+X1603+X1604+X1606+X1607+X1613+X1614=54.296

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X1363+X1366+X1373+X1376+X1378+X1383+X1385+X1393+X1395+X1401+X1431+X1434+X1441+X1444+X1446+X1451+X1453+X1472+X1475+X1482+X1485+X1487+X1492+X1494+X1513+X1516+X1523+X1526+X1528+X1533+X1535+X1554+X1557+X1564+X1567+X1569+X1574+X1576+X1595+X1598+X1605+X1608+X1610+X1615+X1617=54.296

X1350+X1367+X1377+X1379+X1384+X1386+X1388+X1394+X1396+X1398+X1402+X1404+X1410+X1418+X1435+X1445+X1447+X1452+X1454+X1456+X1459+X1476+X1486+X1488+X1493+X1495+X1497+X1500+X1517+X1527+X1529+X1534+X1536+X1538+X1541+X1558+X1568+X1570+X1575+X1577+X1579+X1582+X1599+X1609+X1611+X1616+X1618+X1620=54.296

X1351+X1353+X1358+X1368+X1380+X1387+X1389+X1397+X1399+X1403+X1405+X1407+X1411+X1413+X1419+X1421+X1426+X1436+X1448+X1455+X1457+X1460+X1462+X1467+X1477+X1489+X1496+X1498+X1501+X1503+X1508+X1518+X1530+X1537+X1539+X1542+X1544+X1549+X1559+X1571+X1578+X1580+X1583+X1585+X1588+X1612+X1619+X1621=54.296
X1352+X1354+X1356+X1359+X1361+X1364+X1369+X1371+X1374+X1381+X1390+X1391+X1400+X1406+X1408+X1412+X1414+X1416+X1420+X1422+X1424+X1427+X1429+X1432+X1437+X1439+X1442+X1449+X1458+X1461+X1463+X1465+X1468+X1470+X1473+X1478+X1480+X1483+X1490+X1499+X1502+X1504+X1506+X1509+X1511+X1514+X1519+X1521+X1524+X1531+X1540+X1543+X1545+X1547+X1550+X1552+X1555+X1560+X1562+X1565+X1572+X1581+X1584+X1586+X1588+X1591+X1593+X1596+X1601+X1603+X1606+X1613+X1622=54.296
X1355+X1357+X1360+X1362+X1363+X1365+X1366+X1370+X1372+X1373+X1375+X1376+X1378+X1382+X1383+X1385+X1392+X1393+X1395+X1401+X1409+X1415+X1417+X1423+X1425+X1428+X1430+X1431+X1433+X1434+X1438+X1440+X1441+X1443+X1444+X1446+X1450+X1451+X1453+X1464+X1466+X1469+X1471+X1472+X1474+X1475+X1479+X1481+X1482+X1484+X1485+X1487+X1491+X1492+X1494+X1505+X1507+X1510+X1512+X1513+X1516+X1520+X1522+X1523+X1525+X1526+X1528+X1532+X1533+X1535+X1546+X1548+X1551+X1553+X1554+X1556+X1557+X1561+X1563+X1564+X1566+X1567+X1569+X1573+X1574+X1576+X1587+X1589+X1592+X1594+X1595+X1597+X1598+X1602+X1604+X1605+X1607+X1608+X1610+X1614+X1615+X1617=54.296

Parte 7

MAX

6094.92X1623+6060.68X1624+6001.73X1625+6136.6X1626+6368.12X1627+7109.87X1628+6073.03X1629+7088.81X1630+6232.45X1631+6463.97X1632+7205.72X1633+6535.6X1634+7551.38X1635+7272.99X1636+6163.05X1637+7178.83X1638+7246.41X1639+6833.15X1640+5733.9X1641+5965.42X1642+6707.17X1643+6037.05X1644+7052.83X1645+6774.44X1646+6127.47X1647+7143.25X1648+7210.83X1649+6797.57X1650+6859.37X1651+6772.49X1652+6430.34X1653+5126.33X1654+6142.11X1655+6209.69X1656+5796.43X1657+6294.99X1658+6208.12X1659+5865.97X1660+5876.55X1661+5842.31X1662+5783.35X1663+6094.92X1664+6060.68X1665+6001.73X1666+6136.6X1667+6368.12X1668+7109.87X1669+6073.03X1670+7088.81X1671+6232.45X1672+6463.97X1673+7205.72X1674+6535.6X1675+7551.38X1676+7272.99X1677+6163.05X1678+7178.83X1679+7246.41X1680+6833.15X1681+5733.9X1682+5965.42X1683+6707.17X1684+6037.05X1685+7052.83X1686+6774.44X1687+6127.47X1688+7143.25X1689+7210.83X1690+6797.57X1691+6859.37X1692+6772.49X1693+6430.34X1694+5126.33X1695+6142.11X1696+6209.69X1697+5796.43X1698+6208.12X1700+5865.97X1701+5876.55X1702+5842.31X1703+5783.35X1704+5253.57X1705+5485.1X1706+6226.85X1707+5556.72X1708+6572.51X1709+6294.12X1710+5647.15X1711+6662.93X1712+6730.5X1713+6317.25X1714+6379.04X1715+6292.17X1716+5950.02X1717+5176.82X1718+6192.6X1719+6260.17X1720+5846.92X1721+6345.48X1722+6258.6X1723+5916.45X1724+5927.04X1725+5892.79X1726+5833.84X1727+5401.01X1728+5314.13X1729+4971.98X1730+5394.61X1731+5360.36X1732+5301.41X1733+5047.56X1734+5279.09X1735+6020.84X1736+13235.38X1737+13381.18X1738+13791.29X1739+13418.09X1740+14156.14X1741+13776.94X1742+13464.68X1743+14202.73X1744+14237.55X1745+13680.49X1746+13758.82X1747+13592.34X1748+13086.77X1749+12824.03X1750+13562.08X1751+13596.9X1752+13039.84X1753+13640.85X1754+13474.38X1755+12968.81X1756+13022.74X1757+12885.65X1758+12683.84X1759+12435.9X1760+12269.42X1761+11763.86X1762+12310.89X1763+12173.8X1764+11971.99X1765+11747.73X1766+11893.54X1767+12303.64X1768+13235.38X1769+13381.18X1770+13791.29X1771+13418.09X1772+14156.14X1773+13776.94X1774+13464.68X1775+14202.73X1776+14237.55X1777+13680.49X1778+13758.82X1779+13592.34X1780+13086.77X1781+12824.03X1782+13562.08X1783+13596.9X1784+13039.84X1785+13640.85X1786+13474.38X1787+12968.81X1788+13022.74X1789+12885.65X1790+12683.84X1791+12435.9X1792+12269.42X1793+11763.86X1794+12310.89X1795+12173.8X1796+11971.99X1797+11747.73X1798+11893.54X1799+12303.64X1800+4723.68X1801+5739.46X1802+5807.04X1803+5393.78X1804+5892.34X1805+5805.47X1806+5463.32X1807+5473.9X1808+5439.65X1809+5380.7X1810+5448.63X1811+5361.76X1812+5019.61X1813+5442.23X1814+5407.99X1815+5349.04X1816+5095.19X1817+5326.71X1818+6068.47X1819+4551.22X1820+4516.98X1821+4458.03X1822+4592.9X1823+4824.42X1824+5566.17X1825+4529.33X1826+5545.11X1827+1530.71X1828+1181.88X1829+131.95X1830+1073.52X1831+245.96X1832+7.88X1833-936.72X1834+382.76X1835+484.99X1836+130.9X1837+184.41X1838+151.37X1839+83.02X1840+1338.96X1841+19.47X1842+82.75X1843-271.34X1844+211.81X1845+178.76X1846+55.63X1847+104.8X1848+36.32X1849+26.78X1850+614.24X1851+647.28X1852+881.67X1853-525.53X1854+457.05X1855+393.95X1856+724.56X1857-375.73X1858+674.19X1859+13235.38X1860+13381.18X1861+13791.29X1862+13418.09X1863+14156.14X1864+13776.94X1865+13464.68X1866+14202.73X1867+14237.55X1868+13680.49X1869+13758.82X1870+13592.34X1871+13086.77X1872+12824.03X1873+13562.08X1874+13596.9X1875+13039.84X1876+13640.85X1877+13474.38X1878+12968.81X1879+13022.74X1880+12885.65X1881+12683.84X1882+12435.9X1883+12269.42X1884+11763.86X1885+12310.89X1886+12173.8X1887+11971.99X1888+11747.73X1889+11893.54X1890+12303.64X1891

ST

X1623+X1624+X1625+X1626+X1627+X1628+X1629+X1630+X1631+X1632+X1633+X1634+X1635+X1636+X1637+X1638+X1639+X1640+X1641+X1642+X1643+X1644+X1645+X1646+X1647+X1648+X1649+X1650+X1651+X1652+X1653+X1654+X1655+X1656+X1657+X1658+X1659+X1660+X1661+X1662+X1663=38.8
X1664+X1665+X1666+X1667+X1668+X1669+X1670+X1671+X1672+X1673+X1674+X1675+X1676+X1677+X1678+X1679+X1680+X1681+X1682+X1683+X1684+X1685+X1686+X1687+X1688+X1689+X1690+X1691+X1692+X1693+X1694+X1695+X1696+X1697+X1698+X1699+X1700+X1701+X1702+X1703+X1704=40.6
X1705+X1706+X1707+X1708+X1709+X1710+X1711+X1712+X1713+X1714+X1715+X1716+X1717+X1718+X1719+X1720+X1721+X1722+X1723+X1724+X1725+X1726+X1727+X1728+X1729+X1730+X1731+X1732+X1733+X1734+X1735+X1736=44.6
X1737+X1738+X1739+X1740+X1741+X1742+X1743+X1744+X1745+X1746+X1747+X1748+X1749+X1750+X1751+X1752+X1753+X1754+X1755+X1756+X1757+X1758+X1759+X1760+X1761+X1762+X1763+X1764+X1765+X1766+X1767+X1768=46.6
X1769+X1770+X1771+X1772+X1773+X1774+X1775+X1776+X1777+X1778+X1779+X1780+X1781+X1782+X1783+X1784+X1785+X1786+X1787+X1788+X1789+X1790+X1791+X1792+X1793+X1794+X1795+X1796+X1797+X1798+X1799+X1800=11.6
X1801+X1802+X1803+X1804+X1805+X1806+X1807+X1808+X1809+X1810+X1811+X1812+X1813+X1814+X1815+X1816+X1817+X1818+X1819+X1820+X1821+X1822+X1823+X1824+X1825+X1826+X1827=28.2
X1828+X1829+X1830+X1831+X1832+X1833+X1834+X1835+X1836+X1837+X1838+X1839+X1840+X1841+X1842+X1843+X1844+X1845+X1846+X1847+X1848+X1849+X1850+X1851+X1852+X1853+X1854+X1855+X1856+X1857+X1858+X1859=29.7
X1860+X1861+X1862+X1863+X1864+X1865+X1866+X1867+X1868+X1869+X1870+X1871+X1872+X1873+X1874+X1875+X1876+X1877+X1878+X1879+X1880+X1881+X1882+X1883+X1884+X1885+X1886+X1887+X1888+X1889+X1890+X1891=25

VH1+202.22X1623+202.22X1624+202.22X1625+202.22X1626+202.22X1627+202.22X1628+202.22X1629+202.22X1630+202.22X1631+202.22X1632+202.22X1633+202.22X1634+202.22X1635+202.22X1636+202.22X1637+202.22X1638+202.22X1639+202.22X1640+202.22X1641+202.22X1642+202.22X1643+202.22X1644+202.22X1645+202.22X1646+202.22X1647+202.22X1648+202.22X1649+202.22X1650+202.22X1651+202.22X1652+202.22X1653+202.22X1654+202.22X1655+202.22X1656+202.22X1657+202.22X1658+202.22X1659+202.22X1660+202.22X1661+202.22X1662+202.22X1663+202.22X1664+202.22X1665+202.22X1666+202.22X1667+202.22X1668+202.22X1669+202.22X1670+202.22X1671+202.22X1672+202.22X1673+202.22X1674+202.22X1675+202.22X1676+202.22X1677+202.22X1678+202.22X1679+202.22X1680+202.22X1681=0

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VH2+255.68X1641+255.68X1642+255.68X1643+255.68X1644+255.68X1645+255.68X1646+255.68X1647+255.68X1648+255.68X1649+255.68X1650+255.68X1651+255.68X1652+255.68X1653+255.68X1682+255.68X1683+255.68X1684+255.68X1685+255.68X1686+255.68X1687+255.68X1688+255.68X1689+255.68X1690+255.68X1691+255.68X1692+255.68X1693+255.68X1694+202.22X1705+202.22X1706+202.22X1707+202.22X1708+202.22X1709+202.22X1710+202.22X1711+202.22X1712+202.22X1713+202.22X1714+202.22X1715+202.22X1716+202.22X1717+275.81X1737+275.81X1738+275.81X1739+275.81X1740+275.81X1741+275.81X1742+275.81X1743+275.81X1744+275.81X1745+275.81X1746+275.81X1747+275.81X1748+275.81X1749+275.81X1769+275.81X1770+275.81X1771+275.81X1772+275.81X1773+275.81X1774+275.81X1775+275.81X1776+275.81X1777+275.81X1778+275.81X1779+275.81X1780+275.81X1781+139.67X1828+139.67X1829+139.67X1830+139.67X1831+139.67X1832+139.67X1833+139.67X1834+139.67X1835+139.67X1836+139.67X1837+139.67X1838+139.67X1839+139.67X1840+275.81X1860+275.81X1861+275.81X1862+275.81X1863+275.81X1864+275.81X1865+275.81X1866+275.81X1867+275.81X1868+275.81X1869+275.81X1870+275.81X1871+275.81X1872=0

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VH3+293.27X1654+293.27X1655+293.27X1656+293.27X1657+293.27X1658+293.27X1659+293.27X1660+293.27X1661+293.27X1662+293.27X1663+293.27X1664+293.27X1665+293.27X1666+293.27X1667+293.27X1668+293.27X1669+293.27X1670+293.27X1700+293.27X1701+293.27X1702+293.27X1703+293.27X1704+255.68X1718+255.68X1719+255.68X1720+255.68X1721+255.68X1722+255.68X1723+255.68X1724+255.68X1725+255.68X1726+255.68X1727+341.82X1750+341.82X1751+341.82X1752+341.82X1753+341.82X1754+341.82X1755+341.82X1756+341.82X1757+341.82X1758+341.82X1759+341.82X1782+341.82X1783+341.82X1784+341.82X1785+341.82X1786+341.82X1787+341.82X1788+341.82X1789+341.82X1790+341.82X1791+202.22X1801+202.22X1802+202.22X1803+202.22X1804+202.22X1805+202.22X1806+202.22X1807+202.22X1808+202.22X1809+202.22X1810+184.27X1841+184.27X1842+184.27X1843+184.27X1844+184.27X1845+184.27X1846+184.27X1847+184.27X1848+184.27X1849+184.27X1850+341.82X1873+341.82X1874+341.82X1875+341.82X1876+341.82X1877+341.82X1878+341.82X1879+341.82X1880+341.82X1881+341.82X1882=0

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VH4+293.27X1728+293.27X1729+293.27X1730+293.27X1731+293.27X1732+293.27X1733+293.27X1734+293.27X1735+293.27X1736+388.96X1760+388.96X1761+388.96X1762+388.96X1763+388.96X1764+388.96X1765+388.96X1766+388.96X1767+388.96X1768+388.96X1792+388.96X1793+388.96X1794+388.96X1795+388.96X1796+388.96X1797+388.96X1798+388.96X1799+388.96X1800+255.68X1811+255.68X1812+255.68X1813+255.68X1814+255.68X1815+255.68X1816+255.68X1817+255.68X1818+255.68X1819+212.78X1851+212.78X1852+212.78X1853+212.78X1854+212.78X1855+212.78X1856+212.78X1857+212.78X1858+212.78X1859+388.96X1883+388.96X1884+388.96X1885+388.96X1886+388.96X1887+388.96X1888+388.96X1889+388.96X1890+388.96X1891=0

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VH5+202.22X1623+202.22X1624+202.22X1625+202.22X1626+202.22X1627+202.22X1628+202.22X1629+202.22X1630+202.22X1664+202.22X1665+202.22X1666+202.22X1667+202.22X1668+202.22X1669+202.22X1670+202.22X1671+293.27X1820+293.27X1821+293.27X1822+293.27X1823+293.27X1824+293.27X1825+293.27X1826+293.27X1827=0

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VH6+255.68X1631+255.68X1632+255.68X1633+255.68X1634+255.68X1635+255.68X1636+202.22X1641+202.22X1642+202.22X1643+202.22X1644+202.22X1645+202.22X1646+255.68X1672+255.68X1673+255.68X1674+255.68X1675+255.68X1676+255.68X1677+202.22X1682+202.22X1683+202.22X1684+202.22X1685+202.22X1686+202.22X1687+202.22X1705+202.22X1706+202.22X1707+202.22X1708+202.22X1709+202.22X1710+275.81X1737+275.81X1738+275.81X1739+275.81X1740+275.81X1741+275.81X1742+275.81X1769+275.81X1770+275.81X1771+275.81X1772+275.81X1773+275.81X1774+139.67X1828+139.67X1829+139.67X1830+139.67X1831+139.67X1832+139.67X1833+275.81X1860+275.81X1861+275.81X1862+275.81X1863+275.81X1864+275.81X1865=0

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VH7+293.27X1637+293.27X1638+293.27X1639+293.27X1640+255.68X1647+255.68X1648+255.68X1649+255.68X1650+202.22X1654+202.22X1655+202.22X1656+202.22X1657+293.27X1678+293.27X1679+293.27X1680+293.27X1681+255.68X1688+255.68X1689+255.68X1690+255.68X1691+202.22X1695+202.22X1696+202.22X1697+202.22X1698+255.68X1711+255.68X1712+255.68X1713+255.68X1714+202.22X1719+202.22X1720+202.22X1721+341.82X1743+341.82X1744+341.82X1745+341.82X1746+275.81X1750+275.81X1751+275.81X1752+275.81X1753+341.82X1775+341.82X1776+341.82X1777+341.82X1778+275.81X1782+275.81X1783+275.81X1784+275.81X1785+202.22X1801+202.22X1802+202.22X1803+202.22X1804+184.27X1834+184.27X1835+184.27X1836+184.27X1837+139.67X1841+139.67X1842+139.67X1843+139.67X1844+341.82X1866+341.82X1867+341.82X1868+341.82X1869+275.81X1873+275.81X1874+275.81X1875+275.81X1876=0

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VH8+293.27X1651+293.27X1652+293.27X1653+255.68X1658+255.68X1659+255.68X1660+293.27X1692+293.27X1693+293.27X1694+255.68X1699+255.68X1700+255.68X1701+293.27X1715+293.27X1716+293.27X1717+255.68X1722+255.68X1723+255.68X1724+202.22X1728+202.22X1729+202.22X1730+388.96X1747+388.96X1748+388.96X1749+341.82X1754+341.82X1755+341.82X1756+275.81X1761+275.81X1762+388.96X1779+388.96X1780+388.96X1781+341.82X1786+341.82X1787+341.82X1788+275.81X1792+275.81X1793+275.81X1794+255.68X1805+255.68X1806+255.68X1807+202.22X1811+202.22X1812+202.22X1813+212.78X1838+212.78X1839+212.78X1840+184.27X1845+184.27X1846+184.27X1847+139.67X1851+139.67X1852+139.67X1853+388.96X1870+388.96X1871+388.96X1872+341.82X1877+341.82X1878+341.82X1879+275.81X1883+275.81X1884+275.81X1885=0

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VH9+202.22X1623+202.22X1624+202.22X1625+293.27X1661+293.27X1662+293.27X1663+202.22X1664+202.22X1665+202.22X1666+293.27X1702+293.27X1703+293.27X1704+293.27X1725+293.27X1726+293.27X1727+255.68X1731+255.68X1732+255.68X1733+388.96X1757+388.96X1758+388.96X1759+341.82X1763+341.82X1764+341.82X1765+388.96X1789+388.96X1790+388.96X1791+341.82X1795+341.82X1796+341.82X1797+293.27X1808+293.27X1809+293.27X1810+255.68X1814+255.68X1815+255.68X1816+202.22X1820+202.22X1821+202.22X1822+212.78X1848+212.78X1849+212.78X1850+184.27X1854+184.27X1855+184.27X1856+388.96X1880+388.96X1881+388.96X1882+341.82X1886+341.82X1887+341.82X1888=0

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VH10+255.68X1626+255.68X1627+255.68X1628+202.22X1631+202.22X1632+202.22X1633+202.22X1641+202.22X1642+202.22X1643+255.68X1667+255.68X1668+255.68X1669+202.22X1672+202.22X1673+202.22X1674+202.22X1682+202.22X1683+202.22X1684+202.22X1705+202.22X1706+202.22X1707+293.27X1734+293.27X1735+293.27X1736+275.81X1737+275.81X1738+275.81X1739+388.96X1766+388.96X1767+388.96X1768+275.81X1769+275.81X1770+275.81X1771+388.96X1798+388.96X1799+388.96X1800+293.27X1817+293.27X1818+293.27X1819+255.68X1823+255.68X1824+255.68X1825+139.67X1828+139.67X1829+139.67X1830+212.78X1857+212.78X1858+212.78X1859+275.81X1860+275.81X1861+275.81X1862+388.96X1889+388.96X1890+388.96X1891=0

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VH11+293.27X1629+293.27X1630+255.68X1634+255.68X1635+202.22X1637+202.22X1638+255.68X1644+255.68X1645+202.22X1647+202.22X1648+202.22X1654+202.22X1655+293.27X1671+255.68X1675+255.68X1676+202.22X1678+202.22X1679+255.68X1685+255.68X1686+202.22X1688+202.22X1689+202.22X1695+202.22X1696+255.68X1708+255.68X1709+202.22X1711+202.22X1712+202.22X1718+202.22X1719+341.82X1740+341.82X1741+275.81X1743+275.81X1744+275.81X1750+275.81X1751+341.82X1772+341.82X1773+275.81X1775+275.81X1776+275.81X1782+275.81X1783+202.22X1801+202.22X1802+293.27X1826+293.27X1827+184.27X1831+184.27X1832+139.67X1834+139.67X1835+139.67X1841+139.67X1842+341.82X1863+341.82X1864+275.81X1866+275.81X1867+275.81X1873+275.81X1874=0

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VH12+293.27X1636+255.68X1639+293.27X1646+255.68X1649+202.22X1651+255.68X1656+202.22X1658+293.27X1677+255.68X1680+293.27X1687+255.68X1690+202.22X1692+255.68X1697+202.22X1699+293.27X1710+255.68X1713+202.22X1715+255.68X1720+202.22X1722+202.22X1728+388.96X1742+341.82X1745+275.81X1747+341.82X1752+275.81X1754+275.81X1760+388.96X1774+341.82X1777+275.81X1779+341.82X1784+275.81X1786+275.81X1792+255.68X1803+202.22X1805+202.22X1811+212.78X1833+184.27X1836+139.67X1838+184.27X1843+139.67X1845+139.67X1851+388.96X1865+341.82X1868+275.81X1870+341.82X1875+275.81X1877+275.81X1883=0

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VH13+202.22X1623+293.27X1640+293.27X1650+255.68X1652+293.27X1657+255.68X1659+202.22X1661+202.22X1664+293.27X1681+293.27X1691+255.68X1693+293.27X1698+255.68X1700+202.22X1702+293.27X1714+255.68X1716+293.27X1721+255.68X1723+202.22X1725+255.68X1729+202.22X1731+388.96X1746+341.82X1748+388.96X1753+341.82X1755+275.81X1757+341.82X1761+275.81X1763+388.96X1778+341.82X1780+388.96X1785+341.82X1787+275.81X1789+341.82X1793+275.81X1795+293.27X1804+255.68X1806+202.22X1808+255.68X1812+202.22X1814+202.22X1820+212.78X1837+184.27X1839+212.78X1844+184.27X1846+139.67X1848+184.27X1852+139.67X1854+388.96X1869+341.82X1871+388.96X1876+341.82X1878+275.81X1880+341.82X1884+275.81X1886=0

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VH14+255.68X1624+202.22X1626+202.22X1631+202.22X1641+293.27X1653+293.27X1660+255.68X1662+255.68X1665+202.22X1667+202.22X1672+202.22X1682+293.27X1694+293.27X1701+255.68X1703+202.22X1705+293.27X1717+293.27X1724+255.68X1726+293.27X1730+255.68X1732+202.22X1734+275.81X1737+388.96X1749+388.96X1756+341.82X1758+388.96X1762+341.82X1764+275.81X1766+275.81X1769+388.96X1781+388.96X1788+341.82X1790+388.96X1794+341.82X1796+275.81X1798+293.27X1807+255.68X1809+293.27X1813+255.68X1815+202.22X1817+255.68X1821+202.22X1823+139.67X1828+212.78X1840+212.78X1847+184.27X1849+212.78X1853+184.27X1855+139.67X1857+275.81X1860+388.96X1872+388.96X1879+341.82X1881+388.96X1885+341.82X1887+275.81X1889=0

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VH15+293.27X1625+255.68X1627+202.22X1629+255.68X1632+202.22X1634+202.22X1637+255.68X1642+202.22X1644+202.22X1647+202.22X1654+293.27X1663+293.27X1666+255.68X1668+202.22X1670+255.68X1673+202.22X1675+202.22X1678+255.68X1683+202.22X1685+202.22X1688+202.22X1695+293.27X1704+255.68X1706+202.22X1708+202.22X1711+202.22X1718+293.27X1727+293.27X1733+255.68X1735+341.82X1738+275.81X1740+275.81X1743+275.81X1750+388.96X1759+388.96X1765+341.82X1767+341.82X1770+275.81X1772+275.81X1775+275.81X1782+388.96X1791+388.96X1797+341.82X1799+202.22X1801+293.27X1810+293.27X1816+255.68X1818+293.27X1822+255.68X1824+202.22X1826+184.27X1829+139.67X1831+139.67X1834+139.67X1841+212.78X1850+212.78X1856+184.27X1858+341.82X1861+275.81X1863+275.81X1866+275.81X1873+388.96X1882+388.96X1888+341.82X1890=0

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VH16+293.27X1628+255.68X1630+293.27X1633+255.68X1635+202.22X1636+255.68X1638+202.22X1639+293.27X1643+255.68X1645+202.22X1646+255.68X1648+202.22X1649+202.22X1651+255.68X1655+202.22X1656+202.22X1658+293.27X1669+255.68X1671+293.27X1674+255.68X1676+202.22X1677+255.68X1679+202.22X1680+293.27X1684+255.68X1686+202.22X1687+255.68X1689+202.22X1690+202.22X1692+255.68X1696+202.22X1697+202.22X1699+293.27X1707+255.68X1709+202.22X1710+255.68X1712+202.22X1713+202.22X1715+255.68X1719+202.22X1720+202.22X1722+202.22X1728+293.27X1736+388.96X1739+341.82X1741+275.81X1742+341.82X1744+275.81X1745+275.81X1747+341.82X1751+275.81X1752+275.81X1754+275.81X1760+388.96X1768+388.96X1771+341.82X1773+275.81X1774+341.82X1776+275.81X1777+275.81X1779+341.82X1783+275.81X1784+275.81X1786+275.81X1792+388.96X1800+255.68X1802+202.22X1803+202.22X1805+202.22X1811+293.27X1819+293.27X1825+255.68X1827+212.78X1830+184.27X1832+139.67X1833+184.27X1835+139.67X1836+139.67X1838+184.27X1842+139.67X1843+139.67X1845+139.67X1851+212.78X1859+388.96X1862+341.82X1864+275.81X1865+341.82X1867+275.81X1868+275.81X1870+341.82X1874+275.81X1875+275.81X1877+275.81X1883+388.96X1891=0

X1623+X1624+X1625+X1626+X1627+X1628+X1629+X1630+X1631+X1632+X1633+X1634+X1635+X1636+X1637+X1638+X1639+X1640+X1664+X1665+X1666+X1667+X1668+X1669+X1670+X1671+X1672+X1673+X1674+X1675+X1676+X1677+X1678+X1679+X1680+X1681=53.02
X1641+X1642+X1643+X1644+X1645+X1646+X1647+X1648+X1649+X1650+X1651+X1652+X1653+X1682+X1683+X1684+X1685+X1686+X1687+X1688+X1689+X1690+X1691+X1692+X1693+X1694+X1705+X1706+X1707+X1708+X1709+X1710+X1711+X1712+X1713+X1714+X1715+X1716+X1717+X1737+X1738+X1739+X1740+X1741+X1742+X1743+X1744+X1745+X1746+X1747+X1748+X1749+X1769+X1770+X1771+X1772+X1773+X1774+X1775+X1776+X1777+X1778+X1779+X1780+X1781+X1828+X1829+X1830+X1831+X1832+X1833+X1834+X1835+X1836+X1837+X1838+X1839+X1840+X1860+X1861+X1862+X1863+X1864+X1865+X1866+X1867+X1868+X1869+X1870+X1871+X1872=53.02
X1654+X1655+X1656+X1657+X1658+X1659+X1660+X1661+X1662+X1663+X1695+X1696+X1697+X1698+X1699+X1700+X1701+X1702+X1703+X1704+X1718+X1719+X1720+X1721+X1722+X1723+X1724+X1725+X1726+X1727+X1750+X1751+X1752+X1753+X1754+X1755+X1756+X1757+X1758+X1759+X1782+X1783+X1784+X1785+X1786+X1787+X1788+X1789+X1790+X1791+X1801+X1802+X1803+X1804+X1805+X1806+X1807+X1808+X1809+X1810+X1841+X1842+X1843+X1844+X1845+X1846+X1847+X1848+X1849+X1850+X1873+X1874+X1875+X1876+X1877+X1878+X1879+X1880+X1881+X1882=53.02
X1728+X1729+X1730+X1731+X1732+X1733+X1734+X1735+X1736+X1760+X1761+X1762+X1763+X1764+X1765+X1766+X1767+X1768+X1792+X1793+X1794+X1795+X1796+X1797+X1798+X1799+X1800+X1811+X1812+X1813+X1814+X1815+X1816+X1817+X1818+X1819+X1851+X1852+X1853+X1854+X1855+X1856+X1857+X1858+X1859+X1883+X1884+X1885+X1886+X1887+X1888+X1889+X1890+X1891=53.02
X1623+X1624+X1625+X1626+X1627+X1628+X1629+X1630+X1664+X1665+X1666+X1667+X1668+X1669+X1670+X1671+X1820+X1821+X1822+X1823+X1824+X1825+X1826+X1827=53.02
X1631+X1632+X1633+X1634+X1635+X1636+X1641+X1642+X1643+X1644+X1645+X1646+X1672+X1673+X1674+X1675+X1676+X1677+X1682+X1683+X1684+X1685+X1686+X1687+X1705+X1706+X1707+X1708+X1709+X1710+X1737+X1738+X1739+X1740+X1741+X1742+X1769+X1770+X1771+X1772+X1773+X1774+X1828+X1829+X1830+X1831+X1832+X1833+X1860+X1861+X1862+X1863+X1864+X1865=53.02
X1637+X1638+X1639+X1640+X1647+X1648+X1649+X1650+X1654+X1655+X1656+X1657+X1678+X1679+X1680+X1681+X1688+X1689+X1690+X1691+X1695+X1696+X1697+X1698+X1711+X1712+X1713+X1714+X1718+X1719+X1720+X1721+X1743+X1744+X1745+X1746+X1750+X1751+X1752+X1753+X1775+X1776+X1777+X1778+X1782+X1783+X1784+X1785+X1801+X1802+X1803+X1804+X1834+X1835+X1836+X1837+X1841+X1842+X1843+X1844+X1866+X1867+X1868+X1869+X1873+X1874+X1875+X1876=53.02
X1651+X1652+X1653+X1654+X1658+X1659+X1660+X1662+X1663+X1694+X1695+X1700+X1701+X1715+X1716+X1717+X1722+X1723+X1724+X1728+X1729+X1730+X1747+X1748+X1749+X1754+X1755+X1756+X1760+X1761+X1762+X1779+X1780+X1781+X1786+X1787+X1788+X1792+X1793+X1794+X1805+X1806+X1807+X1811+X1812+X1813+X1838+X1839+X1840+X1845+X1846+X1847+X1851+X1852+X1853+X1870+X1871+X1872+X1877+X1878+X1879+X1883+X1884+X1885=53.02
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X1624+X1626+X1631+X1641+X1653+X1660+X1662+X1665+X1667+X1672+X1682+X1694+X1701+X1703+X1705+X1717+X1724+X1726+X1730+X1732+X1734+X1737+X1749+X1756+X1758+X1762+X1764+X1766+X1769+X1781+X1788+X1790+X1794+X1796+X1798+X1807+X1809+X1813+X1815+X1817+X1821+X1823+X1828+X1840+X1847+X1849+X1853+X1855+X1857+X1860+X1872+X1879+X1881+X1885+X1887+X1889=53.02

X1625+X1627+X1629+X1632+X1634+X1637+X1642+X1644+X1647+X1654+X1663+X1666+X1668+X1670+X1673+X1675+X1678+X1683+X1685+X1688+X1695+X1704+X1706+X1708+X1711+X1718+X1727+X1733+X1735+X1738+X1740+X1743+X1750+X1759+X1765+X1767+X1770+X1772+X1775+X1782+X1791+X1797+X1799+X1801+X1810+X1816+X1818+X1822+X1824+X1826+X1829+X1831+X1834+X1841+X1850+X1856+X1858+X1861+X1863+X1866+X1873+X1882+X1888+X1890=53.02

X1628+X1630+X1633+X1635+X1636+X1638+X1639+X1643+X1645+X1646+X1648+X1649+X1651+X1655+X1656+X1658+X1669+X1671+X1674+X1676+X1677+X1679+X1680+X1684+X1686+X1687+X1689+X1690+X1692+X1696+X1697+X1699+X1707+X1709+X1710+X1712+X1713+X1715+X1719+X1720+X1722+X1728+X1736+X1739+X1741+X1742+X1744+X1745+X1747+X1751+X1752+X1754+X1760+X1768+X1771+X1773+X1774+X1776+X1777+X1779+X1783+X1784+X1786+X1792+X1800+X1802+X1803+X1805+X1811+X1819+X1825+X1827+X1830+X1832+X1833+X1835+X1836+X1838+X1842+X1843+X1845+X1851+X1859+X1862+X1864+X1865+X1867+X1868+X1870+X1874+X1875+X1877+X1883+X1891=53.02

Parte 8

MAX

13235.38X1892+13381.18X1893+13791.29X1894+13418.09X1895+14156.14X1896+13776.94X1897+13464.68X1898+14202.73X1899+14237.55X1900+13680.49X1901+13758.82X1902+13592.34X1903+13086.77X1904+12824.03X1905+13562.08X1906+13596.9X1907+13039.84X1908+13640.85X1909+13474.38X1910+12968.81X1911+13022.74X1912+12885.65X1913+12683.84X1914+12435.9X1915+12269.42X1916+11763.86X1917+12310.89X1918+12173.8X1919+11971.99X1920+11747.73X1921+11893.54X1922+12303.64X1923+13235.38X1924+13381.18X1925+13791.29X1926+13418.09X1927+14156.14X1928+13776.94X1929+13464.68X1930+14202.73X1931+14237.55X1932+13680.49X1933+13758.82X1934+13592.34X1935+13086.77X1936+12824.03X1937+13562.08X1938+13596.9X1939+13039.84X1940+13640.85X1941+13474.38X1942+12968.81X1943+13022.74X1944+12885.65X1945+12683.84X1946+12435.9X1947+12269.42X1948+11763.86X1949+12310.89X1950+12173.8X1951+11971.99X1952+11747.73X1953+11893.54X1954+12303.64X1955+5253.57X1956+5485.1X1957+6226.85X1958+5556.72X1959+6572.51X1960+6294.12X1961+5647.15X1962+6662.93X1963+6730.5X1964+6317.25X1965+6379.04X1966+6292.17X1967+5950.02X1968+5176.82X1969+6192.6X1970+6260.17X1971+5846.92X1972+6345.48X1973+6258.6X1974+5916.45X1975+5927.04X1976+5892.79X1977+5833.84X1978+5401.01X1979+5314.13X1980+4971.98X1981+5394.61X1982+5360.36X1983+5301.41X1984+5047.56X1985+5279.09X1986+6020.84X1987+13235.38X1988+13381.18X1989+13791.29X1990+13418.09X1991+14156.14X1992+13776.94X1993+13464.68X1994+14202.73X1995+14237.55X1996+13680.49X1997+13758.82X1998+13592.34X1999+13086.77X2000+12824.03X2001+13562.08X2002+13596.9X2003+13039.84X2004+13640.85X2005+13474.38X2006+12968.81X2007+13022.74X2008+12885.65X2009+12683.84X2010+12435.9X2011+12269.42X2012+11763.86X2013+12310.89X2014+12173.8X2015+11971.99X2016+11747.73X2017+11893.54X2018+12303.64X2019+4723.68X2020+5739.46X2021+5807.04X2022+5393.78X2023+5892.34X2024+5805.47X2025+5463.32X2026+5473.9X2027+5439.65X2028+5380.7X2029+5448.63X2030+5361.76X2031+5019.61X2032+5442.23X2033+5407.99X2034+5349.04X2035+5095.19X2036+5326.71X2037+6068.47X2038+4551.22X2039+4516.98X2040+4458.03X2041+4592.9X2042+4824.42X2043+5566.17X2044+4529.33X2045+5545.11X2046+4723.68X2047+5739.46X2048+5807.04X2049+5393.78X2050+5892.34X2051+5805.47X2052+5463.32X2053+5473.9X2054+5439.65X2055+5380.7X2056+5448.63X2057+5361.76X2058+5019.61X2059+5442.23X2060+5407.99X2061+5349.04X2062+5095.19X2063+5326.71X2064+6068.47X2065+4551.22X2066+4516.98X2067+4458.03X2068+4592.9X2069+4824.42X2070+5566.17X2071+4529.33X2072+5545.11X2073+5253.57X2074+5485.1X2075+6226.85X2076+5556.72X2077+6572.51X2078+6294.12X2079+5647.15X2080+6662.93X2081+6730.5X2082+6317.25X2083+6379.04X2084+6292.17X2085+5950.02X2086+5176.82X2087+6192.6X2088+6260.17X2089+5846.92X2090+6345.48X2091+6258.6X2092+5916.45X2093+5927.04X2094+5892.79X2095+5833.84X2096+5401.01X2097+5314.13X2098+4971.98X2099+5394.61X2100+5360.36X2101+5301.41X2102+5047.56X2103+5279.09X2104+6020.84X2105+13235.38X2106+13381.18X2107+13791.29X2108+13418.09X2109+14156.14X2110+13776.94X2111+13464.68X2112+14202.73X2113+14237.55X2114+13680.49X2115+13758.82X2116+13592.34X2117+13086.77X2118+12824.03X2119+13562.08X2120+13596.9X2121+13039.84X2122+13640.85X2123+13474.38X2124+12968.81X2125+13022.74X2126+12885.65X2127+12683.84X2128+12435.9X2129+12269.42X2130+11763.86X2131+12310.89X2132+12173.8X2133+11971.99X2134+11747.73X2135+11893.54X2136+12303.64X2137+5253.57X2138+5485.1X2139+6226.85X2140+5556.72X2141+6572.51X2142+6294.12X2143+5647.15X2144+6662.93X2145+6730.5X2146+6317.25X2147+6379.04X2148+6292.17X2149+5950.02X2150+5176.82X2151+6192.6X2152+6260.17X2153+5846.92X2154+6345.48X2155+6258.6X2156+5916.45X2157+5927.04X2158+5892.79X2159+5833.84X2160+5401.01X2161+5314.13X2162+4971.98X2163+5394.61X2164+5360.36X2165+5301.41X2166+5047.56X2167+5279.09X2168+6020.84X2169

ST

X1892+X1893+X1894+X1895+X1896+X1897+X1898+X1899+X1900+X1901+X1902+X1903+X1904+X1905+X1906+X1907+X1908+X1909+X1910+X1911+X1912+X1913+X1914+X1915+X1916+X1917+X1918+X1919+X1920+X1921+X1922+X1923=20.2
X1924+X1925+X1926+X1927+X1928+X1929+X1930+X1931+X1932+X1933+X1934+X1935+X1936+X1937+X1938+X1939+X1940+X1941+X1942+X1943+X1944+X1945+X1946+X1947+X1948+X1949+X1950+X1951+X1952+X1953+X1954+X1955=32
X1956+X1957+X1958+X1959+X1960+X1961+X1962+X1963+X1964+X1965+X1966+X1967+X1968+X1969+X1970+X1971+X1972+X1973+X1974+X1975+X1976+X1977+X1978+X1979+X1980+X1981+X1982+X1983+X1984+X1985+X1986+X1987=49.2
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X1892+X1893+X1894+X1921+X1922+X1923+X1924+X1925+X1926+X1953+X1954+X1955+X1956+X1957+X1958+X1985+X1986+X1987+X1988+X1989+X1990+X2017+X2018+X2019+X2036+X2037+X2038+X2042+X2043+X2044+X2063+X2064+X2065+X2069+X2070+X2071+X2074+X2075+X2076+X2103+X2104+X2105+X2106+X2107+X2108+X2135+X2136+X2137+X2138+X2139+X2140+X2167+X2168+X2169=58.7
X1895+X1896+X1898+X1899+X1905+X1906+X1927+X1928+X1930+X1931+X1937+X1938+X1959+X1960+X1962+X1963+X1969+X1970+X1991+X1992+X1994+X1995+X2001+X2002+X2020+X2021+X2045+X2046+X2047+X2048+X2072+X2073+X2077+X2078+X2080+X2081+X2087+X2088+X2109+X2110+X2112+X2113+X2119+X2120+X2141+X2142+X2144+X2145+X2151+X2152=58.7
X1897+X1900+X1902+X1907+X1909+X1915+X1929+X1932+X1934+X1939+X1941+X1947+X1961+X1964+X1966+X1971+X1973+X1979+X1993+X1996+X1998+X2003+X2005+X2011+X2022+X2024+X2030+X2049+X2051+X2057+X2079+X2082+X2084+X2089+X2091+X2097+X2111+X2114+X2116+X2121+X2123+X2129+X2143+X2146+X2148+X2153+X2155+X2161=58.7
X1901+X1903+X1908+X1910+X1912+X1916+X1918+X1933+X1935+X1940+X1942+X1944+X1948+X1950+X1965+X1967+X1972+X1974+X1976+X1980+X1982+X1997+X1999+X2004+X2006+X2008+X2012+X2014+X2023+X2025+X2027+X2031+X2033+X2039+X2050+X2052+X2054+X2058+X2060+X2066+X2083+X2085+X2090+X2092+X2094+X2098+X2100+X2115+X2117+X2122+X2124+X2126+X2130+X2132+X2147+X2149+X2154+X2156+X2158+X2162+X2164=58.7
X1892+X1904+X1911+X1913+X1917+X1919+X1921+X1924+X1936+X1943+X1945+X1949+X1951+X1953+X1956+X1968+X1975+X1977+X1981+X1983+X1985+X1988+X2000+X2007+X2009+X2013+X2015+X2017+X2026+X2028+X2032+X2034+X2036+X2040+X2042+X2053+X2055+X2059+X2061+X2063+X2067+X2069+X2074+X2086+X2093+X2095+X2099+X2101+X2103+X2106+X2118+X2125+X2127+X2131+X2133+X2135+X2138+X2150+X2157+X2159+X2163+X2165+X2167=58.7
X1893+X1895+X1898+X1905+X1914+X1920+X1922+X1925+X1927+X1930+X1937+X1946+X1952+X1954+X1957+X1959+X1962+X1969+X1978+X1984+X1986+X1989+X1991+X1994+X2001+X2010+X2016+X2018+X2020+X2029+X2035+X2037+X2041+X2043+X2045+X2047+X2056+X2062+X2064+X2068+X2070+X2072+X2075+X2077+X2080+X2087+X2096+X2102+X2104+X2107+X2109+X2112+X2119+X2128+X2134+X2136+X2139+X2141+X2144+X2151+X2160+X2166+X2168=58.7
X1894+X1896+X1897+X1899+X1900+X1902+X1906+X1907+X1909+X1915+X1923+X1926+X1928+X1929+X1931+X1932+X1934+X1938+X1939+X1941+X1947+X1955+X1958+X1960+X1961+X1963+X1964+X1966+X1970+X1971+X1973+X1979+X1987+X1990+X1992+X1993+X1995+X1996+X1998+X2002+X2003+X2005+X2011+X2019+X2021+X2022+X2024+X2030+X2038+X2044+X2046+X2048+X2049+X2051+X2057+X2065+X2071+X2073+X2076+X2078+X2079+X2081+X2082+X2084+X2088+X2089+X2091+X2097+X2105+X2108+X2110+X2111+X2113+X2114+X2116+X2120+X2121+X2123+X2129+X2137+X2140+X2142+X2143+X2145+X2146+X2148+X2152+X2153+X2155+X2161+X2169=58.7

Parte 9

MAX

5253.57X2170+5485.1X2171+6226.85X2172+5556.72X2173+6572.51X2174+6294.12X2175+5647.15X2176+6662.93X2177+6730.5X2178+6317.25X2179+6379.04X2180+6292.17X2181+5950.02X2182+5176.82X2183+6192.6X2184+6260.17X2185+5846.92X2186+6345.48X2187+6258.6X2188+5916.45X2189+5927.04X2190+5892.79X2191+5833.84X2192+5401.01X2193+5314.13X2194+4971.98X2195+5394.61X2196+5360.36X2197+5301.41X2198+5047.56X2199+5279.09X2200+6020.84X2201-1530.71X2202-1181.88X2203-131.95X2204-1073.52X2205+245.96X2206+7.88X2207-936.72X2208+382.76X2209+484.99X2210+130.9X2211+184.41X2212+151.37X2213-83.02X2214-1338.96X2215-19.47X2216+82.75X2217-271.34X2218+211.81X2219+178.76X2220-55.63X2221-104.8X2222-36.32X2223+26.78X2224-614.24X2225-647.28X2226-881.67X2227-525.53X2228-457.05X2229-393.95X2230-724.56X2231-375.73X2232+674.19X2233-1530.71X2234-1181.88X2235-131.95X2236-1073.52X2237+245.96X2238+7.88X2239-936.72X2240+382.76X2241+484.99X2242+130.9X2243+184.41X2244+151.37X2245-83.02X2246-1338.96X2247-19.47X2248+82.75X2249-271.34X2250+211.81X2251+178.76X2252+55.63X2253-104.8X2254-36.32X2255+26.78X2256-614.24X2257-647.28X2258-881.67X2259-525.53X2260-457.05X2261-393.95X2262-724.56X2263-375.73X2264+674.19X2265-1530.71X2266-1181.88X2267-131.95X2268-1073.52X2269+245.96X2270+7.88X2271-936.72X2272+382.76X2273+484.99X2274+130.9X2275+184.41X2276+151.37X2277-83.02X2278-1338.96X2279-19.47X2280+82.75X2281-271.34X2282+211.81X2283+178.76X2284-55.63X2285-104.8X2286-36.32X2287+26.78X2288-614.24X2289-647.28X2290-881.67X2291-525.53X2292-457.05X2293-393.95X2294-724.56X2295-375.73X2296+674.19X2297+6094.92X2298+6060.68X2299+6001.73X2300+6136.6X2301+6368.12X2302+7109.87X2303+6073.03X2304+7088.81X2305+6232.45X2306+6463.97X2307+7205.72X2308+6535.6X2309+7551.38X2310+7272.99X2311+6163.05X2312+7178.83X2313+7246.41X2314+6833.15X2315+5733.9X2316+5965.42X2317+6707.17X2318+6037.05X2319+7052.83X2320+6774.44X2321+6127.47X2322+7143.25X2323+7210.83X2324+6797.57X2325+6859.37X2326+6772.49X2327+6430.34X2328+5126.33X2329+6142.11X2330+6209.69X2331+5796.43X2332+6294.99X2333+6208.12X2334+5865.97X2335+5876.55X2336+5842.31X2337+5783.35X2338+13235.38X2339+13381.18X2340+13791.29X2341+13418.09X2342+14156.14X2343+13776.94X2344+13464.68X2345+14202.73X2346+14237.55X2347+13680.49X2348+13758.82X2349+13592.34X2350+13086.77X2351+12824.03X2352+13562.08X2353+13596.9X2354+13039.84X2355+13640.85X2356+13474.38X2357+12968.81X2358+13022.74X2359+12885.65X2360+12683.84X2361+12435.9X2362+12269.42X2363+11763.86X2364+12310.89X2365+12173.8X2366+11971.99X2367+11747.73X2368+11893.54X2369+12303.64X2370+12078.31X2371+12816.36X2372+12851.17X2373+12294.11X2374+12895.13X2375+12728.65X2376+12223.09X2377+12277.02X2378+12139.93X2379+11938.12X2380+12290.74X2381+12124.26X2382+11618.7X2383+12165.73X2384+12028.64X2385+11826.83X2386+11602.57X2387+11748.38X2388+12158.49X2389+11028.98X2390+10891.89X2391+10690.08X2392+10931.01X2393+11076.82X2394+11486.93X2395+10674.87X2396+11412.91X2397+13235.38X2398+13381.18X2399+13791.29X2400+13418.09X2401+14156.14X2402+13776.94X2403+13464.68X2404+14202.73X2405+14237.55X2406+13680.49X2407+13758.82X2408+13592.34X2409+13086.77X2410+12824.03X2411+13562.08X2412+13596.9X2413+13039.84X2414+13640.85X2415+13474.38X2416+12968.81X2417+13022.74X2418+12885.65X2419+12683.84X2420+12435.9X2421+12269.42X2422+11763.86X2423+12310.89X2424+12173.8X2425+11971.99X2426+11747.73X2427+11893.54X2428+12303.64X2429

ST

X2170+X2171+X2172+X2173+X2174+X2175+X2176+X2177+X2178+X2179+X2180+X2181+X2182+X2183+X2184+X2185+X2186+X2187+X2188+X2189+X2190+X2191+X2192+X2193+X2194+X2195+X2196+X2197+X2198+X2199+X2200+X2201=28.4
X2202+X2203+X2204+X2205+X2206+X2207+X2208+X2209+X2210+X2211+X2212+X2213+X2214+X2215+X2216+X2217+X2218+X2219+X2220+X2221+X2222+X2223+X2224+X2225+X2226+X2227+X2228+X2229+X2230+X2231+X2232+X2233=30.2
X2234+X2235+X2236+X2237+X2238+X2239+X2240+X2241+X2242+X2243+X2244+X2245+X2246+X2247+X2248+X2249+X2250+X2251+X2252+X2253+X2254+X2255+X2256+X2257+X2258+X2259+X2260+X2261+X2262+X2263+X2264+X2265=32.8
X2266+X2267+X2268+X2269+X2270+X2271+X2272+X2273+X2274+X2275+X2276+X2277+X2278+X2279+X2280+X2281+X2282+X2283+X2284+X2285+X2286+X2287+X2288+X2289+X2290+X2291+X2292+X2293+X2294+X2295+X2296+X2297=46.2

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VH10+202.22X2170+202.22X2171+202.22X2172+293.27X2199+293.27X2200+293.27X2201+139.67X2202+139.67X2203+139.67X2204+212.78X2231+212.78X2232+212.78X2233+139.67X2234+139.67X2235+139.67X2236+212.78X2263+212.78X2264+212.78X2265+139.67X2266+139.67X2267+139.67X2268+212.78X2295+212.78X2296+212.78X2297+255.68X2301+255.68X2302+255.68X2303+202.22X2306+202.22X2307+202.22X2308+202.22X2316+202.22X2317+202.22X2318+275.81X2339+275.81X2340+275.81X2341+388.96X2368+388.96X2369+388.96X2370+388.96X2387+388.96X2388+388.96X2389+341.82X2393+341.82X2394+341.82X2395+275.81X2398+275.81X2399+275.81X2400+388.96X2427+388.96X2428+388.96X2429=0

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VH11+255.68X2173+255.68X2174+202.22X2176+202.22X2177+202.22X2183+202.22X2184+184.27X2205+184.27X2206+139.67X2208+139.67X2209+139.67X2215+139.67X2216+184.27X2237+184.27X2238+139.67X2240+139.67X2241+139.67X2247+139.67X2248+184.27X2269+184.27X2270+139.67X2272+139.67X2273+139.67X2279+139.67X2280+293.27X2304+293.27X2305+255.68X2309+255.68X2310+202.22X2312+202.22X2313+255.68X2319+255.68X2320+202.22X2322+202.22X2323+202.22X2329+202.22X2330+341.82X2342+341.82X2343+275.81X2345+275.81X2346+275.81X2352+275.81X2353+275.81X2371+275.81X2372+388.96X2396+388.96X2397+341.82X2401+341.82X2402+275.81X2404+275.81X2405+275.81X2411+275.81X2412=0

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VH12+293.27X2175+255.68X2178+202.22X2180+255.68X2185+202.22X2187+202.22X2193+212.78X2207+184.27X2210+139.67X2212+184.27X2217+139.67X2219+139.67X2225+212.78X2239+184.27X2242+139.67X2244+184.27X2249+139.67X2251+139.67X2257+212.78X2271+184.27X2274+139.67X2276+184.27X2281+139.67X2283+139.67X2289+293.27X2311+255.68X2314+293.27X2321+255.68X2324+202.22X2326+255.68X2331+202.22X2333+388.96X2344+341.82X2347+275.81X2349+341.82X2354+275.81X2356+275.81X2362+341.82X2373+275.81X2375+275.81X2381+388.96X2403+341.82X2406+275.81X2408+341.82X2413+275.81X2415+275.81X2421=0

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VH13+293.27X2179+255.68X2181+293.27X2186+255.68X2188+202.22X2190+255.68X2194+202.22X2196+212.78X2211+184.27X2213+212.78X2218+184.27X2220+139.67X2222+184.27X2226+139.67X2228+212.78X2243+184.27X2245+212.78X2250+184.27X2252+139.67X2254+184.27X2258+139.67X2260+212.78X2275+184.27X2277+212.78X2282+184.27X2284+139.67X2286+184.27X2290+139.67X2292+202.22X2298+293.27X2315+293.27X2325+255.68X2327+293.27X2332+255.68X2334+202.22X2336+388.96X2348+341.82X2350+388.96X2355+341.82X2357+275.81X2359+341.82X2363+275.81X2365+388.96X2374+341.82X2376+275.81X2378+341.82X2382+275.81X2384+275.81X2390+388.96X2407+341.82X2409+388.96X2414+341.82X2416+275.81X2418+341.82X2422+275.81X2424=0

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VH14+202.22X2170+293.27X2182+293.27X2189+255.68X2191+293.27X2195+255.68X2197+202.22X2199+139.67X2202+212.78X2214+212.78X2221+184.27X2223+212.78X2227+184.27X2229+139.67X2231+139.67X2234+212.78X2246+212.78X2253+184.27X2255+212.78X2259+184.27X2261+139.67X2263+139.67X2266+212.78X2278+212.78X2285+184.27X2287+212.78X2291+184.27X2293+139.67X2295+255.68X2299+202.22X2301+202.22X2306+202.22X2316+293.27X2328+293.27X2335+255.68X2337+275.81X2339+388.96X2351+388.96X2358+341.82X2360+388.96X2364+341.82X2366+275.81X2368+388.96X2377+341.82X2379+388.96X2383+341.82X2385+275.81X2387+341.82X2391+275.81X2393+275.81X2398+388.96X2410+388.96X2417+341.82X2419+388.96X2423+341.82X2425+275.81X2427=0

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VH15+255.68X2171+202.22X2173+202.22X2176+202.22X2183+293.27X2192+293.27X2198+255.68X2200+184.27X2203+139.67X2205+139.67X2208+139.67X2215+212.78X2224+212.78X2230+184.27X2232+184.27X2235+139.67X2237+139.67X2240+139.67X2247+212.78X2256+212.78X2262+184.27X2264+184.27X2267+139.67X2269+139.67X2272+139.67X2279+212.78X2288+212.78X2294+184.27X2296+293.27X2300+255.68X2302+202.22X2304+255.68X2307+202.22X2309+202.22X2312+255.68X2317+202.22X2319+202.22X2322+202.22X2329+293.27X2338+341.82X2340+275.81X2342+275.81X2345+275.81X2352+388.96X2361+388.96X2367+341.82X2369+275.81X2371+388.96X2380+388.96X2386+341.82X2388+388.96X2392+341.82X2394+275.81X2396+341.82X2399+275.81X2401+275.81X2404+275.81X2411+388.96X2420+388.96X2426+341.82X2428=0

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VH16+293.27X2172+255.68X2174+202.22X2175+255.68X2177+202.22X2178+202.22X2180+255.68X2184+202.22X2185+202.22X2187+202.22X2193+293.27X2201+212.78X2204+184.27X2206+139.67X2207+184.27X2209+139.67X2210+139.67X2212+184.27X2216+139.67X2217+139.67X2219+139.67X2225+212.78X2233+212.78X2236+184.27X2238+139.67X2239+184.27X2241+139.67X2242+139.67X2244+184.27X2248+139.67X2249+139.67X2251+139.67X2257+212.78X2265+212.78X2268+184.27X2270+139.67X2271+184.27X2273+139.67X2274+139.67X2276+184.27X2280+139.67X2281+139.67X2283+139.67X2289+212.78X2297+293.27X2303+255.68X2305+293.27X2308+255.68X2310+202.22X2311+255.68X2313+202.22X2314+293.27X2318+255.68X2320+202.22X2321+255.68X2323+202.22X2324+202.22X2326+255.68X2330+202.22X2331+202.22X2333+388.96X2341+341.82X2343+275.81X2344+341.82X2346+275.81X2347+275.81X2349+341.82X2353+275.81X2354+275.81X2356+275.81X2362+388.96X2370+341.82X2372+275.81X2373+275.81X2375+275.81X2381+388.96X2389+388.96X2395+341.82X2397+388.96X2400+341.82X2402+275.81X2403+341.82X2405+275.81X2406+275.81X2408+341.82X2412+275.81X2413+275.81X2415+275.81X2421+388.96X2429=0

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X2298+X2299+X2300+X2301+X2302+X2303+X2304+X2305+X2306+X2307+X2308+X2309+X2310+X2311+X2312+X2313+X2314+X2315=49.84
X2170+X2171+X2172+X2173+X2174+X2175+X2176+X2177+X2178+X2179+X2180+X2181+X2182+X2202+X2203+X2204+X2205+X2206+X2207+X2208+X2209+X2210+X2211+X2212+X2213+X2214+X2234+X2235+X2236+X2237+X2238+X2239+X2240+X2241+X2242+X2243+X2244+X2245+X2246+X2266+X2267+X2268+X2269+X2270+X2271+X2272+X2273+X2274+X2275+X2276+X2277+X2278+X2316+X2317+X2318+X2319+X2320+X2321+X2322+X2323+X2324+X2325+X2326+X2327+X2328+X2339+X2340+X2341+X2342+X2343+X2344+X2345+X2346+X2347+X2348+X2349+X2350+X2351+X2398+X2399+X2400+X2401+X2402+X2403+X2404+X2405+X2406+X2407+X2408+X2409+X2410=49.84
X2183+X2184+X2185+X2186+X2187+X2188+X2189+X2190+X2191+X2192+X2215+X2216+X2217+X2218+X2219+X2220+X2221+X2222+X2223+X2224+X2247+X2248+X2249+X2250+X2251+X2252+X2253+X2254+X2255+X2256+X2279+X2280+X2281+X2282+X2283+X2284+X2285+X2286+X2287+X2288+X2329+X2330+X2331+X2332+X2333+X2334+X2335+X2336+X2337+X2338+X2352+X2353+X2354+X2355+X2356+X2357+X2358+X2359+X2360+X2361+X2371+X2372+X2373+X2374+X2375+X2376+X2377+X2378+X2379+X2380+X2411+X2412+X2413+X2414+X2415+X2416+X2417+X2418+X2419+X2420=49.84

X2193+X2194+X2195+X2196+X2197+X2198+X2199+X2200+X2201+X2225+X2226+X2227+X2228+X2229+X2230+X2231+X2232+X2233+X2257+X2258+X2259+X2260+X2261+X2262+X2263+X2264+X2265+X2289+X2290+X2291+X2292+X2293+X2294+X2295+X2296+X2297+X2362+X2363+X2364+X2365+X2366+X2367+X2368+X2369+X2370+X2381+X2382+X2383+X2384+X2385+X2386+X2387+X2388+X2389+X2421+X2422+X2423+X2424+X2425+X2426+X2427+X2428+X2429=49.84

X2298+X2299+X2300+X2301+X2302+X2303+X2304+X2305+X2390+X2391+X2392+X2393+X2394+X2395+X2396+X2397=49.84
X2170+X2171+X2172+X2173+X2174+X2175+X2202+X2203+X2204+X2205+X2206+X2207+X2234+X2235+X2236+X2237+X2238+X2239+X2266+X2267+X2268+X2269+X2270+X2271+X2306+X2307+X2308+X2309+X2310+X2311+X2316+X2317+X2318+X2319+X2320+X2321+X2339+X2340+X2341+X2342+X2343+X2344+X2398+X2399+X2400+X2401+X2402+X2403=49.84

X2176+X2177+X2178+X2179+X2183+X2184+X2185+X2186+X2208+X2209+X2210+X2211+X2215+X2216+X2217+X2218+X2240+X2241+X2242+X2243+X2247+X2248+X2249+X2250+X2272+X2273+X2274+X2275+X2279+X2280+X2281+X2282+X2312+X2313+X2314+X2315+X2322+X2323+X2

324+X2325+X2329+X2330+X2331+X2332+X2345+X2346+X2347+X2348+X2352+X2353+X2354+X2355+X2371+X2372+X2373+X2374+X2404+X2405+X2406+X2407+X2411+X2412+X2413+X2414=49.84
X2180+X2181+X2182+X2187+X2188+X2189+X2193+X2194+X2195+X2212+X2213+X2214+X2219+X2220+X2221+X2225+X2226+X2227+X2244+X2245+X2246+X2251+X2252+X2253+X2257+X2258+X2259+X2276+X2277+X2278+X2283+X2284+X2285+X2289+X2290+X2291+X2326+X2327+X2328+X2333+X2334+X2335+X2349+X2350+X2351+X2356+X2357+X2358+X2362+X2363+X2364+X2375+X2376+X2377+X2381+X2382+X2383+X2408+X2409+X2410+X2415+X2416+X2417+X2421+X2422+X2423=49.84
X2190+X2191+X2192+X2196+X2197+X2198+X2222+X2223+X2224+X2228+X2229+X2230+X2254+X2255+X2256+X2260+X2261+X2262+X2286+X2287+X2288+X2292+X2293+X2294+X2298+X2299+X2300+X2336+X2337+X2338+X2359+X2360+X2361+X2365+X2366+X2367+X2378+X2379+X2380+X2384+X2385+X2386+X2390+X2391+X2392+X2418+X2419+X2420+X2424+X2425+X2426=49.84
X2170+X2171+X2172+X2199+X2200+X2201+X2202+X2203+X2204+X2231+X2232+X2233+X2234+X2235+X2236+X2263+X2264+X2265+X2266+X2267+X2268+X2295+X2296+X2297+X2301+X2302+X2303+X2306+X2307+X2308+X2316+X2317+X2318+X2339+X2340+X2341+X2368+X2369+X2370+X2387+X2388+X2389+X2393+X2394+X2395+X2398+X2399+X2400+X2427+X2428+X2429=49.84
X2173+X2174+X2176+X2177+X2183+X2184+X2205+X2206+X2208+X2209+X2215+X2216+X2237+X2238+X2240+X2241+X2247+X2248+X2269+X2270+X2272+X2273+X2279+X2280+X2304+X2305+X2309+X2310+X2312+X2313+X2319+X2320+X2322+X2323+X2329+X2330+X2342+X2343+X2345+X2346+X2352+X2353+X2371+X2372+X2396+X2397+X2401+X2402+X2404+X2405+X2411+X2412=49.84
X2175+X2178+X2180+X2185+X2187+X2193+X2207+X2210+X2212+X2217+X2219+X2225+X2239+X2242+X2244+X2249+X2251+X2257+X2271+X2274+X2276+X2281+X2283+X2289+X2311+X2314+X2321+X2324+X2326+X2331+X2333+X2344+X2347+X2349+X2354+X2356+X2362+X2373+X2375+X2381+X2403+X2406+X2408+X2413+X2415+X2421=49.84
X2179+X2181+X2186+X2188+X2190+X2194+X2196+X2211+X2213+X2218+X2220+X2222+X2226+X2228+X2243+X2245+X2250+X2252+X2254+X2258+X2260+X2275+X2277+X2282+X2284+X2286+X2290+X2292+X2298+X2315+X2325+X2327+X2332+X2334+X2336+X2348+X2350+X2355+X2357+X2359+X2363+X2365+X2374+X2376+X2378+X2382+X2384+X2390+X2407+X2409+X2414+X2416+X2418+X2422+X2424=49.84
X2170+X2182+X2189+X2191+X2195+X2197+X2199+X2202+X2214+X2221+X2223+X2227+X2229+X2231+X2234+X2246+X2253+X2255+X2259+X2261+X2263+X2266+X2278+X2285+X2287+X2291+X2293+X2295+X2299+X2301+X2306+X2316+X2328+X2335+X2337+X2339+X2351+X2358+X2360+X2364+X2366+X2368+X2377+X2379+X2383+X2385+X2387+X2391+X2393+X2398+X2410+X2417+X2419+X2423+X2425+X2427=49.84
X2171+X2173+X2176+X2183+X2192+X2198+X2200+X2203+X2205+X2208+X2215+X2224+X2230+X2232+X2235+X2237+X2240+X2247+X2256+X2262+X2264+X2267+X2269+X2272+X2279+X2288+X2294+X2296+X2300+X2302+X2304+X2307+X2309+X2312+X2317+X2319+X2322+X2329+X2338+X2340+X2342+X2345+X2352+X2361+X2367+X2369+X2371+X2380+X2386+X2388+X2392+X2394+X2396+X2399+X2401+X2404+X2411+X2420+X2426+X2428=49.84
X2172+X2174+X2175+X2177+X2178+X2180+X2184+X2185+X2187+X2193+X2201+X2204+X2206+X2207+X2209+X2210+X2212+X2216+X2217+X2219+X2225+X2233+X2236+X2238+X2239+X2241+X2242+X2244+X2248+X2249+X2251+X2257+X2265+X2268+X2270+X2271+X2273+X2274+X2276+X2280+X2281+X2283+X2289+X2297+X2303+X2305+X2308+X2310+X2311+X2313+X2314+X2318+X2320+X2321+X2323+X2324+X2326+X2330+X2331+X2333+X2341+X2343+X2344+X2346+X2347+X2349+X2353+X2354+X2356+X2362+X2370+X2372+X2373+X2375+X2381+X2389+X2395+X2397+X2400+X2402+X2403+X2405+X2406+X2408+X2412+X2413+X2415+X2421+X2429=49.84

Parte 10

MAX

-1513.9X2430-194.42X2431-92.2X2432-446.29X2433+36.86X2434+3.81X2435-230.58X2436-279.75X2437-211.26X2438-148.17X2439-342.61X2440-375.66X2441-610.05X2442-253.9X2443-185.42X2444-122.32X2445-452.93X2446-104.1X2447+945.82X2448-1033.19X2449-964.71X2450-901.61X2451-849.85X2452-501.02X2453+548.91X2454-753.39X2455+566.09X2456+5253.57X2457+5485.1X2458+6226.85X2459+5556.72X2460+6572.51X2461+6294.12X2462+5647.15X2463+6662.93X2464+6730.5X2465+6317.25X2466+6379.04X2467+6292.17X2468+5950.02X2469+5176.82X2470+6192.6X2471+6260.17X2472+5846.92X2473+6345.48X2474+6258.6X2475+5916.45X2476+5927.04X2477+5892.79X2478+5833.84X2479+5401.01X2480+5314.13X2481+4971.98X2482+5394.61X2483+5360.36X2484+5301.41X2485+5047.56X2486+5279.09X2487+6020.84X2488-1530.71X2489-1181.88X2490-131.95X2491-1073.52X2492+245.96X2493+7.88X2494-936.72X2495+382.76X2496+484.99X2497+130.9X2498+184.41X2499+151.37X2500-83.02X2501-1338.96X2502-19.47X2503+82.75X2504-271.34X2505+211.81X2506+178.76X2507-55.63X2508-104.8X2509-36.32X2510+26.78X2511-614.24X2512-647.28X2513-881.67X2514-525.53X2515-457.05X2516-393.95X2517-724.56X2518-375.73X2519+674.19X2520-1530.71X2521-1181.88X2522-131.95X2523-1073.52X2524+245.96X2525+7.88X2526-936.72X2527+382.76X2528+484.99X2529+130.9X2530+184.41X2531+151.37X2532-83.02X2533-1338.96X2534-19.47X2535+82.75X2536-271.34X2537+211.81X2538+178.76X2539-55.63X2540-104.8X2541-36.32X2542+26.78X2543-614.24X2544-647.28X2545-881.67X2546-525.53X2547-457.05X2548-393.95X2549-724.56X2550-375.73X2551+674.19X2552-1513.9X2553-194.42X2554-92.2X2555-446.29X2556+36.86X2557+3.81X2558-230.58X2559-279.75X2560-211.26X2561-148.17X2562-342.61X2563-375.66X2564-610.05X2565-253.9X2566-185.42X2567-122.32X2568-452.93X2569-104.1X2570+945.82X2571-1033.19X2572-964.71X2573-901.61X2574-849.85X2575-501.02X2576+548.91X2577-501.02X2578+566.09X2579-1513.9X2580-194.42X2581-92.2X2582-446.29X2583+36.86X2584+3.81X2585-230.58X2586-279.75X2587-211.26X2588-148.17X2589-342.61X2590-375.66X2591-610.05X2592-253.9X2593-185.42X2594-122.32X2595-452.93X2596-104.1X2597+945.82X2598-1033.19X2599-964.71X2600-901.61X2601-849.85X2602-501.02X2603+548.91X2604-753.39X2605+566.09X2606+6094.92X2607+6060.68X2608+6001.73X2609+6136.6X2610+6368.12X2611+7109.87X2612+6073.03X2613+7088.81X2614+6232.45X2615+6463.97X2616+7205.72X2617+6535.6X2618+7551.38X2619+7272.99X2620+6163.05X2621+7178.83X2622+7246.41X2623+6833.15X2624+5733.9X2625+5965.42X2626+6707.17X2627+6037.05X2628+7052.83X2629+6774.44X2630+6127.47X2631+7143.25X2632+7210.83X2633+6797.57X2634+6859.37X2635+6772.49X2636+6430.34X2637+5126.33X2638+6142.11X2639+6209.69X2640+5796.43X2641+6294.99X2642+6208.12X2643+5865.97X2644+5876.55X2645+5842.31X2646+5783.35X2647-1530.71X2648-1181.88X2649-131.95X2650-1073.52X2651+245.96X2652+7.88X2653-936.72X2654+382.76X2655+484.99X2656+130.9X2657+184.41X2658+151.37X2659-83.02X2660-1338.96X2661-19.47X2662+82.75X2663-271.34X2664+211.81X2665+178.76X2666-55.63X2667-104.8X2668-36.32X2669+26.78X2670-614.24X2671-647.28X2672-881.67X2673-525.53X2674-457.05X2675-393.95X2676-724.56X2677-375.73X2678+674.19X2679+12078.31X2680+12816.36X2681+12851.17X2682+12294.11X2683+12895.13X2684+12728.65X2685+12223.09X2686+12277.02X2687+12139.93X2688+11938.12X2689+12290.74X2690+12124.26X2691+11618.7X2692+12165.73X2693+12028.64X2694+11826.83X2695+11602.57X2696+11748.38X2697+12158.49X2698+11028.98X2699+10891.89X2700+10690.08X2701+10931.01X2702+11076.82X2703+11486.93X2704+10674.87X2705+11412.91X2706

ST

X2430+X2431+X2432+X2433+X2434+X2435+X2436+X2437+X2438+X2439+X2440+X2441+X2442+X2443+X2444+X2445+X2446+X2447+X2448+X2449+X2450+X2451+X2452+X2453+X2454+X2455+X2456=25.5
X2457+X2458+X2459+X2460+X2461+X2462+X2463+X2464+X2465+X2466+X2467+X2468+X2469+X2470+X2471+X2472+X2473+X2474+X2475+X2476+X2477+X2478+X2479+X2480+X2481+X2482+X2483+X2484+X2485+X2486+X2487+X2488=18.6

184.27X2517+212.78X2541+212.78X2542+212.78X2543+184.27X2547+184.27X2548+184.27X2549+212.78X2560+212.78X2561+212.78X2562+184.27X2566+184.27X2567+184.27X2568+139.67X2572+139.67X2573+139.67X2574+212.78X2587+212.78X2588+212.78X2589+184.27X2593+184.27X2594+184.27X2595+139.67X2599+139.67X2600+139.67X2601+202.22X2607+202.22X2608+202.22X2609+293.27X2645+293.27X2646+293.27X2647+212.78X2668+212.78X2669+212.78X2670+184.27X2674+184.27X2675+184.27X2676+388.96X2687+388.96X2688+388.96X2689+341.82X2693+341.82X2694+341.82X2695+275.81X2699+275.81X2700+275.81X2701=0

VH10+212.78X2446+212.78X2447+212.78X2448+184.27X2452+184.27X2453+184.27X2454+202.22X2457+202.22X2458+202.22X2459+293.27X2486+293.27X2487+293.27X2488+139.67X2489+139.67X2490+139.67X2491+212.78X2518+212.78X2519+212.78X2520+139.67X2521+139.67X2522+139.67X2523+212.78X2550+212.78X2551+212.78X2552+212.78X2569+212.78X2570+212.78X2571+184.27X2575+184.27X2576+184.27X2577+212.78X2596+212.78X2597+212.78X2598+184.27X2602+184.27X2603+184.27X2604+255.68X2610+255.68X2611+255.68X2612+202.22X2615+202.22X2616+202.22X2617+202.22X2625+202.22X2626+202.22X2627+139.67X2648+139.67X2649+139.67X2650+212.78X2677+212.78X2678+212.78X2679+388.96X2696+388.96X2697+388.96X2698+341.82X2702+341.82X2703+341.82X2704=0

VH11+139.67X2430+139.67X2431+212.78X2455+212.78X2456+255.68X2460+255.68X2461+202.22X2463+202.22X2464+202.22X2470+202.22X2471+184.27X2492+184.27X2493+139.67X2495+139.67X2496+139.67X2502+139.67X2503+184.27X2524+184.27X2525+139.67X2527+139.67X2528+139.67X2534+139.67X2535+139.67X2553+139.67X2554+212.78X2578+212.78X2579+139.67X2580+139.67X2581+212.78X2605+212.78X2606+293.27X2613+293.27X2614+255.68X2618+255.68X2619+202.22X2621+202.22X2622+255.68X2628+255.68X2629+202.22X2631+202.22X2632+202.22X2638+202.22X2639+184.27X2651+184.27X2652+139.67X2654+139.67X2655+139.67X2661+139.67X2662+275.81X2680+275.81X2681+388.96X2705+388.96X2706=0

VH12+184.27X2432+139.67X2434+139.67X2440+293.27X2462+255.68X2465+202.22X2467+255.68X2472+202.22X2474+202.22X2480+212.78X2494+184.27X2497+139.67X2499+184.27X2504+139.67X2506+139.67X2512+212.78X2526+184.27X2529+139.67X2531+184.27X2536+139.67X2538+139.67X2544+184.27X2555+139.67X2557+139.67X2563+184.27X2582+139.67X2584+139.67X2590+293.27X2620+255.68X2623+293.27X2630+255.68X2633+202.22X2635+255.68X2640+202.22X2642+212.78X2653+184.27X2656+139.67X2658+184.27X2663+139.67X2665+139.67X2671+341.82X2682+275.81X2684+275.81X2690=0

VH13+212.78X2433+184.27X2435+139.67X2437+184.27X2441+139.67X2443+139.67X2449+293.27X2466+255.68X2468+293.27X2473+255.68X2475+202.22X2477+255.68X2481+202.22X2483+212.78X2498+184.27X2500+212.78X2505+184.27X2507+139.67X2509+184.27X2513+139.67X2515+212.78X2530+184.27X2532+212.78X2537+184.27X2539+139.67X2541+184.27X2545+139.67X2547+212.78X2556+184.27X2558+139.67X2560+184.27X2564+139.67X2566+139.67X2572+212.78X2583+184.27X2585+139.67X2587+184.27X2591+139.67X2593+139.67X2599+202.22X2607+293.27X2624+293.27X2634+255.68X2636+293.27X2641+255.68X2643+202.22X2645+212.78X2657+184.27X2659+212.78X2664+184.27X2666+139.67X2668+184.27X2672+139.67X2674+388.96X2683+341.82X2685+275.81X2687+341.82X2691+275.81X2693+275.81X2699=0

VH14+212.78X2436+184.27X2438+212.78X2442+184.27X2444+139.67X2446+184.27X2450+139.67X2452+202.22X2457+293.27X2469+293.27X2476+255.68X2478+293.27X2482+255.68X2484+202.22X2486+139.67X2489+212.78X2501+212.78X2508+184.27X2510+212.78X2514+184.27X2516+139.67X2518+139.67X2521+212.78X2533+212.78X2540+184.27X2542+212.78X2546+184.27X2548+139.67X2550+212.78X2559+184.27X2561+212.78X2568+184.27X2570+212.78X2574+184.27X2576+139.67X2578+139.67X2580+212.78X2586+184.27X2588+212.78X2592+184.27X2594+139.67X2596+184.27X2600+139.67X2602+255.68X2608+202.22X2610+202.22X2615+202.22X2625+293.27X2637+293.27X2644+255.68X2646+139.67X2648+212.78X2660+212.78X2667+184.27X2669+212.78X2673+184.27X2675+139.67X2677+388.96X2686+341.82X2688+388.96X2692+341.82X2694+275.81X2696+341.82X2700+275.81X2702=0

VH15+139.67X2430+212.78X2439+212.78X2445+184.27X2447+212.78X2451+184.27X2453+139.67X2455+255.68X2458+202.22X2460+202.22X2463+202.22X2470+293.27X2479+293.27X2485+255.68X2487+184.27X2490+139.67X2492+139.67X2495+139.67X2502+212.78X2511+212.78X2517+184.27X2519+184.27X2522+139.67X2524+139.67X2527+139.67X2534+212.78X2543+212.78X2549+184.27X2551+139.67X2553+212.78X2562+212.78X2568+184.27X2570+212.78X2574+184.27X2576+139.67X2578+139.67X2580+212.78X2586+184.27X2588+212.78X2592+184.27X2594+139.67X2596+184.27X2600+139.67X2602+255.68X2608+202.22X2610+202.22X2615+202.22X2625+293.27X2637+293.27X2644+255.68X2646+139.67X2648+212.78X2660+212.78X2667+184.27X2669+212.78X2673+184.27X2675+139.67X2677+388.96X2686+341.82X2688+388.96X2692+341.82X2694+275.81X2696+341.82X2700+275.81X2702=0

VH16+184.27X2431+139.67X2432+139.67X2434+139.67X2440+212.78X2448+212.78X2454+184.27X2456+293.27X2459+255.68X2461+202.22X2462+255.68X2464+202.22X2465+202.22X2467+255.68X2471+202.22X2472+202.22X2474+202.22X2480+293.27X2488+212.78X2491+184.27X2493+139.67X2494+184.27X2496+139.67X2497+139.67X2499+184.27X2503+139.67X2504+139.67X2506+139.67X2512+212.78X2520+212.78X2523+184.27X2525+139.67X2526+184.27X2528+139.67X2536+139.67X2538+139.67X2544+212.78X2552+184.27X2554+139.67X2555+139.67X2557+139.67X2563+212.78X2571+212.78X2577+184.27X2579+184.27X2581+139.67X2584+139.67X2590+212.78X2598+212.78X2604+184.27X2606+293.27X2612+255.68X2614+293.27X2617+255.68X2619+202.22X2620+255.68X2622+202.22X2623+293.27X2627+255.68X2629+202.22X2630+255.68X2632+202.22X2633+202.22X2635+255.68X2639+202.22X2640+202.22X2642+212.78X2650+184.27X2652+139.67X2653+184.27X2655+139.67X2656+139.67X2658+184.27X2662+139.67X2663+139.67X2665+139.67X2671+212.78X2679+341.82X2681+275.81X2682+275.81X2684+275.81X2690+388.96X2698+388.96X2704+341.82X2706=0

X2607+X2608+X2609+X2610+X2611+X2612+X2613+X2614+X2615+X2616+X2617+X2618+X2619+X2620+X2621+X2622+X2623+X2624=62.2
X2457+X2458+X2459+X2460+X2461+X2462+X2463+X2464+X2465+X2466+X2467+X2468+X2469+X2489+X2490+X2491+X2492+X2493+X2494+X2495+X2496+X2497+X2498+X2499+X2500+X2501+X2521+X2522+X2523+X2524+X2525+X2526+X2527+X2528+X2529+X2530+X2531+X2532+X2533+X2625+X2626+X2627+X2628+X2629+X2630+X2631+X2632+X2633+X2634+X2635+X2636+X2637+X2648+X2649+X2650+X2651+X2652+X2653+X2654+X2655+X2656+X2657+X2658+X2659+X2660=62.2
X2430+X2431+X2432+X2433+X2434+X2435+X2436+X2437+X2438+X2439+X2470+X2471+X2472+X2473+X2474+X2475+X2476+X2477+X2478+X2479+X2502+X2503+X2504+X2505+X2506+X2507+X2508+X2509+X2510+X2511+X2534+X2535+X2536+X2537+X2538+X2539+X2540+X2541+X2542+X2543+X2553+X2554+X2555+X2556+X2557+X2558+X2559+X2560+X2561+X2562+X2580+X2581+X2582+X2583+X2584+X2585+X2586+X2587+X2588+X2589+X2638+X2639+X2640+X2641+X2642+X2643+X2644+X2645+X2646+X2647+X2661+X2662+X2663+X2664+X2665+X2666+X2667+X2668+X2669+X2670+X2680+X2681+X2682+X2683+X2684+X2685+X2686+X2687+X2688+X2689=62.2
X2440+X2441+X2442+X2443+X2444+X2445+X2446+X2447+X2448+X2480+X2481+X2482+X2483+X2484+X2485+X2486+X2487+X2488+X2512+X2513+X2514+X2515+X2516+X2517+X2518+X2519+X2520+X2544+X2545+X2546+X2547+X2548+X2549+X2550+X2551+X2552+X2563+X2564+X2565+X2566+X2567+X2568+X2569+X2570+X2571+X2590+X2591+X2592+X2593+X2594+X2595+X2596+X2597+X2598+X2671+X2672+X2673+X2674+X2675+X2676+X2677+X2678+X2679+X2690+X2691+X2692+X2693+X2694+X2695+X2696+X2697+X2698=62.2

6X2899+388.96X2900+212.78X2919+212.78X2920+212.78X2921+212.78X2922+212.78X2923+212.78X2924+293.27X2943+293.27X2944+293.27X2945+293.27X2946+293.27X2947+293.27X2948+293.27X2967+293.27X2968+293.27X2969+293.27X2970+293.27X2971+293.27X2972=0

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VH7+341.82X2713+341.82X2714+341.82X2715+341.82X2716+275.81X2720+275.81X2721+275.81X2722+275.81X2723+388.96X2777+388.96X2778+388.96X2779+388.96X2780+255.68X2787+255.68X2788+255.68X2789+255.68X2790+202.22X2794+202.22X2795+202.22X2796+202.22X2797+184.27X2819+184.27X2820+184.27X2821+184.27X2822+139.67X2826+139.67X2827+139.67X2828+139.67X2829+184.27X2851+184.27X2852+184.27X2853+184.27X2854+139.67X2858+139.67X2859+139.67X2860+139.67X2861=0

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VH8+388.96X2717+388.96X2718+388.96X2719+341.82X2724+341.82X2725+341.82X2726+275.81X2730+275.81X2731+275.81X2732+275.81X2733+275.81X2734+275.81X2735+275.81X2736+275.81X2737+275.81X2738+275.81X2739+275.81X2740+275.81X2741+293.27X2791+293.27X2792+293.27X2793+255.68X2798+255.68X2799+255.68X2800+202.22X2804+202.22X2805+202.22X2806+212.78X2823+212.78X2824+212.78X2825+184.27X2830+184.27X2831+184.27X2832+139.67X2836+139.67X2837+139.67X2838+212.78X2855+212.78X2856+212.78X2857+184.27X2862+184.27X2863+184.27X2864+139.67X2868+139.67X2869+139.67X2870+275.81X2877+275.81X2878+275.81X2879+139.67X2901+139.67X2902+139.67X2903+202.22X2925+202.22X2926+202.22X2927+202.22X2949+202.22X2950+202.22X2951=0

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VH9+388.96X2727+388.96X2728+388.96X2729+341.82X2733+341.82X2734+341.82X2735+341.82X2742+341.82X2743+341.82X2744+275.81X2748+275.81X2749+275.81X2750+275.81X2763+275.81X2764+275.81X2765+293.27X2801+293.27X2802+293.27X2803+255.68X2807+255.68X2808+255.68X2809+212.78X2833+212.78X2834+212.78X2835+184.27X2839+184.27X2840+184.27X2841+212.78X2865+212.78X2866+212.78X2867+184.27X2871+184.27X2872+184.27X2873+341.82X2880+341.82X2881+341.82X2882+275.81X2886+275.81X2887+275.81X2888+184.27X2904+184.27X2905+184.27X2906+139.67X2910+139.67X2911+139.67X2912+255.68X2928+255.68X2929+255.68X2930+202.22X2934+202.22X2935+202.22X2936+255.68X2952+255.68X2953+255.68X2954+202.22X2958+202.22X2959+202.22X2960=0

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VH10+275.81X2707+275.81X2708+275.81X2709+388.96X2736+388.96X2737+388.96X2738+388.96X2745+388.96X2746+388.96X2747+341.82X2751+341.82X2752+341.82X2753+275.81X2757+275.81X2758+275.81X2759+341.82X2766+341.82X2767+341.82X2768+275.81X2771+275.81X2772+275.81X2773+202.22X2781+202.22X2782+202.22X2783+293.27X2810+293.27X2811+293.27X2812+139.67X2813+139.67X2814+139.67X2815+212.78X2842+212.78X2843+212.78X2844+139.67X2845+139.67X2846+139.67X2847+212.78X2874+212.78X2875+212.78X2876+388.96X2883+388.96X2884+388.96X2885+341.82X2889+341.82X2890+341.82X2891+275.81X2895+275.81X2896+275.81X2897+212.78X2907+212.78X2908+212.78X2909+184.27X2913+184.27X2914+184.27X2915+139.67X2919+139.67X2920+139.67X2921+293.27X2931+293.27X2932+293.27X2933+255.68X2937+255.68X2938+255.68X2939+202.22X2943+202.22X2944+202.22X2945+293.27X2955+293.27X2956+293.27X2957+255.68X2961+255.68X2962+255.68X2963+202.22X2967+202.22X2968+202.22X2969=0

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VH11+341.82X2710+341.82X2711+275.81X2713+275.81X2714+275.81X2720+275.81X2721+388.96X2754+388.96X2755+388.96X2756+341.82X2760+341.82X2761+388.96X2769+388.96X2770+341.82X2774+341.82X2775+275.81X2777+275.81X2778+255.68X2784+255.68X2785+202.22X2787+202.22X2788+202.22X2794+202.22X2795+184.27X2816+184.27X2817+139.67X2819+139.67X2820+139.67X2826+139.67X2827+184.27X2848+184.27X2849+139.67X2851+139.67X2852+139.67X2858+139.67X2859+388.96X2892+388.96X2893+388.96X2894+341.82X2898+341.82X2899+212.78X2916+212.78X2917+212.78X2918+184.27X2922+184.27X2923+293.27X2940+293.27X2941+293.27X2942+255.68X2946+255.68X2947+293.27X2964+293.27X2965+293.27X2966+255.68X2970+255.68X2971=0

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VH12+388.96X2712+341.82X2715+275.81X2717+341.82X2722+275.81X2724+275.81X2730+275.81X2739+388.96X2762+388.96X2776+341.82X2779+293.27X2786+255.68X2789+202.22X2791+255.68X2796+202.22X2798+202.22X2804+212.78X2818+184.27X2821+139.67X2823+184.27X2828+139.67X2830+139.67X2836+212.78X2850+184.27X2853+139.67X2855+184.27X2860+139.67X2862+139.67X2868+275.81X2877+388.96X2900+139.67X2901+212.78X2924+202.22X2925+293.27X2948+202.22X2949+293.27X2972=0

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VH13+388.96X2716+341.82X2718+388.96X2723+341.82X2725+275.81X2727+341.82X2731+275.81X2733+341.82X2740+275.81X2742+275.81X2748+275.81X2763+388.96X2780+293.27X2790+255.68X2792+293.27X2797+255.68X2799+202.22X2801+255.68X2805+202.22X2807+212.78X2822+184.27X2824+212.78X2829+184.27X2831+139.67X2833+184.27X2837+139.67X2839+212.78X2854+184.27X2856+212.78X2861+184.27X2863+139.67X2865+184.27X2869+139.67X2871+341.82X2878+275.81X2880+275.81X2886+184.27X2902+139.67X2904+139.67X2910+255.68X2926+202.22X2928+202.22X2934+255.68X2950+202.22X2952+202.22X2958=0

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VH14+275.81X2707+388.96X2719+388.96X2726+341.82X2728+388.96X2732+341.82X2734+275.81X2736+388.96X2741+341.82X2743+275.81X2745+341.82X2749+275.81X2751+275.81X2757+341.82X2764+275.81X2766+275.81X2771+202.22X2781+293.27X2793+293.27X2800+255.68X2802+293.27X2806+255.68X2808+202.22X2810+139.67X2813+212.78X2825+212.78X2832+184.27X2834+212.78X2838+184.27X2840+139.67X2842+139.67X2845+212.78X2857+212.78X2864+184.27X2866+212.78X2870+184.27X2872+139.67X2874+388.96X2879+341.82X2881+275.81X2883+341.82X2887+275.81X2889+275.81X2895+212.78X2896+184.27X2903+184.27X2907+184.27X2911+139.67X2913+139.67X2919+293.27X2927+255.68X2929+202.22X2931+255.68X2935+202.22X2937+202.22X2943+293.27X2951+255.68X2953+202.22X2955+255.68X2959+202.22X2961+202.22X2967=0

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VH15+341.82X2708+275.81X2710+275.81X2713+275.81X2720+388.96X2729+388.96X2735+341.82X2737+388.96X2744+341.82X2746+388.96X2750+341.82X2752+275.81X2754+341.82X2758+275.81X2760+388.96X2765+341.82X2767+275.81X2769+341.82X2772+275.81X2774+275.81X2777+255.68X2782+202.22X2784+202.22X2787+202.22X2794+293.27X2803+293.27X2809+255.68X2811+184.27X2814+139.67X2816+139.67X2819+139.67X2826+212.78X2835+212.78X2841+184.27X2843+184.27X2846+139.67X2848+139.67X2851+139.67X2858+212.78X2867+212.78X2873+184.27X2875+388.96X2882+341.82X2884+388.96X2888+341.82X2890+275.81X2892+341.82X2896+275.81X2898+212.78X2906+184.27X2908+212.78X2912+184.27X2914+139.67X2916+184.27X2920+139.67X2922+293.27X2930+255.68X2932+293.27X2936+255.68X2938+202.22X2940+255.68X2944+202.22X2946+293.27X2954+255.68X2956+293.27X2960+255.68X2962+202.22X2964+255.68X2968+202.22X2970=0

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VH16+388.96X2709+341.82X2711+275.81X2712+341.82X2714+275.81X2715+275.81X2717+341.82X2721+275.81X2722+275.81X2724+275.81X2730+388.96X2738+275.81X2739+388.96X2747+388.96X2753+341.82X2755+341.82X2756+388.96X2759+341.82X2761+275.81X2762+388.96X2768+341.82X2770+388.96X2773+341.82X2775+275.81X2776+341.82X2778+275.81X2779+293.27X2783+255.68X2785+202.22X2786+255.68X2788+202.22X2789+202.22X2791+255.68X2795+202.22X2796+202.22X2798+202.22X2804+293.27X2812+212.78X2815+184.27X2817+139.67X2818+184.27X2820+139.67X2821+139.67X2823+184.27X2827+139.67X2828+139.67X2830+139.67X2836+212.78X2844+212.78X2847+184.27X2849+139.67X2850+184.27X2852+139.67X2853+139.67X2855+184.27X2859+139.67X2860+139.67X2862+139.67X2868+212.78X2876+275.81X2877+388.96X2885+388.96X2891+341.82X2893+341.82X2894+388.96X2897+341.82X2899+275.81X2900+139.67X2901+212.78X2909+212.78X2915+184.27X2917+184.27X2918+212.78X2921+184.27X2923+139.67X2924+202.22X2925+293.27X2933+293.27X2939+255.68X2941+255.68X2942+293.27X2945+255.68X2947+202.22X2948+202.22X2949+293.27X2957+293.27X2963+255.68X2965+255.68X2966+293.27X2969+255.68X2971+202.22X2972=0

29+293.27X3130+293.27X3131+293.27X3132+293.27X3133+293.27X3134+293.27X3135+293.27X3136+293.27X3137+293.27X3138+293.27X3139
+293.27X3140+293.27X3165+293.27X3166+293.27X3167+293.27X3168+293.27X3169+293.27X3170+293.27X3171+293.27X3172+293.27X3173+2
93.27X3174+293.27X3175+293.27X3176+293.27X3177+293.27X3178+293.27X3179+293.27X3180+293.27X3181+293.27X3182+293.27X3207+293.
27X3208+293.27X3209+293.27X3210+293.27X3211+293.27X3212+293.27X3213+293.27X3214+293.27X3215+293.27X3216+293.27X3217+293.27
X3218+293.27X3219+293.27X3220+293.27X3221+293.27X3222+293.27X3223+293.27X3224+212.78X3249+212.78X3250+212.78X3251+212.78X3
252+212.78X3253+212.78X3254+212.78X3255+212.78X3256+212.78X3257+212.78X3258+212.78X3259+212.78X3260+212.78X3261+212.78X326
2+212.78X3263+212.78X3264+212.78X3265+212.78X3266=0

VH4+275.81X2973+275.81X2974+275.81X2975+275.81X2976+275.81X2977+275.81X2978+275.81X2979+275.81X2980+275.81X2981+275.81X301
5+275.81X3016+275.81X3017+275.81X3018+275.81X3019+275.81X3020+275.81X3021+275.81X3022+275.81X3023+202.22X3057+202.22X3058+
202.22X3059+202.22X3060+202.22X3061+202.22X3062+202.22X3063+202.22X3064+202.22X3065+202.22X3099+202.22X3100+202.22X3101+20
2.22X3102+202.22X3103+202.22X3104+202.22X3105+202.22X3106+202.22X3107+202.22X3141+202.22X3142+202.22X3143+202.22X3144+202.2
2X3145+202.22X3146+202.22X3147+202.22X3148+202.22X3149+202.22X3183+202.22X3184+202.22X3185+202.22X3186+202.22X3187+202.22X
3188+202.22X3189+202.22X3190+202.22X3191+139.67X3225+139.67X3226+139.67X3227+139.67X3228+139.67X3229+139.67X3230+139.67X32
31+139.67X3232+139.67X3233=0

VH5+341.82X2982+341.82X2983+341.82X2984+341.82X2985+341.82X2986+341.82X2987+341.82X2988+341.82X2989+341.82X2990+275.81X299
7+275.81X2998+275.81X2999+275.81X3000+275.81X3001+275.81X3002+275.81X3003+275.81X3004+341.82X3024+341.82X3025+341.82X3026+
341.82X3027+341.82X3028+341.82X3029+341.82X3030+341.82X3031+341.82X3032+275.81X3039+275.81X3040+275.81X3041+275.81X3042+27
5.81X3043+275.81X3044+275.81X3045+275.81X3046+255.68X3066+255.68X3067+255.68X3068+255.68X3069+255.68X3070+255.68X3071+255.6
8X3072+255.68X3073+255.68X3074+202.22X3081+202.22X3082+202.22X3083+202.22X3084+202.22X3085+202.22X3086+202.22X3087+202.22X
3088+255.68X3108+255.68X3109+255.68X3110+255.68X3111+255.68X3112+255.68X3113+255.68X3114+255.68X3115+255.68X3116+202.22X31
23+202.22X3124+202.22X3125+202.22X3126+202.22X3127+202.22X3128+202.22X3129+202.22X3130+255.68X3150+255.68X3151+255.68X3152
+255.68X3153+255.68X3154+255.68X3155+255.68X3156+255.68X3157+255.68X3158+202.22X3165+202.22X3166+202.22X3167+202.22X3168+2
02.22X3169+202.22X3170+202.22X3171+202.22X3172+255.68X3192+255.68X3193+255.68X3194+255.68X3195+255.68X3196+255.68X3197+255.
68X3198+255.68X3199+255.68X3200+202.22X3207+202.22X3208+202.22X3209+202.22X3210+202.22X3211+202.22X3212+202.22X3213+202.22
X3214+184.27X3234+184.27X3235+184.27X3236+184.27X3237+184.27X3238+184.27X3239+184.27X3240+184.27X3241+184.27X3242+139.67X3
249+139.67X3250+139.67X3251+139.67X3252+139.67X3253+139.67X3254+139.67X3255+139.67X3256=0

VH6+388.96X2991+388.96X2992+388.96X2993+388.96X2994+388.96X2995+388.96X2996+341.82X3005+341.82X3006+341.82X3007+341.82X300
8+341.82X3009+341.82X3010+388.96X3033+388.96X3034+388.96X3035+388.96X3036+388.96X3037+388.96X3038+341.82X3047+341.82X3048+
341.82X3049+341.82X3050+341.82X3051+341.82X3052+293.27X3075+293.27X3076+293.27X3077+293.27X3078+293.27X3079+293.27X3080+25
5.68X3089+255.68X3090+255.68X3091+255.68X3092+255.68X3093+255.68X3094+293.27X3117+293.27X3118+293.27X3119+293.27X3120+293.2
7X3121+293.27X3122+255.68X3131+255.68X3132+255.68X3133+255.68X3134+255.68X3135+255.68X3136+293.27X3159+293.27X3160+293.27X
3161+293.27X3162+293.27X3163+293.27X3164+255.68X3173+255.68X3174+255.68X3175+255.68X3176+255.68X3177+255.68X3178+293.27X32
01+293.27X3202+293.27X3203+293.27X3204+293.27X3205+293.27X3206+255.68X3215+255.68X3216+255.68X3217+255.68X3218+255.68X3219
+255.68X3220+212.78X3243+212.78X3244+212.78X3245+212.78X3246+212.78X3247+212.78X3248+184.27X3257+184.27X3258+184.27X3259+1
84.27X3260+184.27X3261+184.27X3262=0

X2973+X2974+X2975+X2976+X2977+X2978+X2979+X2980+X2981+X2982+X2983+X2984+X2985+X2986+X2987+X2988+X2989+X2990+X2991+X
2992+X2993+X2994+X2995+X2996+X3015+X3016+X3017+X3018+X3019+X3020+X3021+X3022+X3023+X3024+X3025+X3026+X3027+X3028+X3
029+X3030+X3031+X3032+X3033+X3034+X3035+X3036+X3037+X3038+X3057+X3058+X3059+X3060+X3061+X3062+X3063+X3064+X3065+X30
66+X3067+X3068+X3069+X3070+X3071+X3072+X3073+X3074+X3075+X3076+X3077+X3078+X3079+X3080+X3099+X3100+X3101+X3102+X310
3+X3104+X3105+X3106+X3107+X3108+X3109+X3110+X3111+X3112+X3113+X3114+X3115+X3116+X3117+X3118+X3119+X3120+X3121+X3122
+X3141+X3142+X3143+X3144+X3145+X3146+X3147+X3148+X3149+X3150+X3151+X3152+X3153+X3154+X3155+X3156+X3157+X3158+X3159+
X3160+X3161+X3162+X3163+X3164+X3183+X3184+X3185+X3186+X3187+X3188+X3189+X3190+X3191+X3192+X3193+X3194+X3195+X3196+X
3197+X3198+X3199+X3200+X3201+X3202+X3203+X3204+X3205+X3206+X3225+X3226+X3227+X3228+X3229+X3230+X3231+X3232+X3233+X3
234+X3235+X3236+X3237+X3238+X3239+X3240+X3241+X3242+X3243+X3244+X3245+X3246+X3247+X3248=52.132

X2997+X2998+X2999+X3000+X3001+X3002+X3003+X3004+X3005+X3006+X3007+X3008+X3009+X3010+X3011+X3012+X3013+X3014+X3039+X
3040+X3041+X3042+X3043+X3044+X3045+X3046+X3047+X3048+X3049+X3050+X3051+X3052+X3053+X3054+X3055+X3056+X3081+X3082+X3
083+X3084+X3085+X3086+X3087+X3088+X3089+X3090+X3091+X3092+X3093+X3094+X3095+X3096+X3097+X3098+X3123+X3124+X3125+X31
26+X3127+X3128+X3129+X3130+X3131+X3132+X3133+X3134+X3135+X3136+X3137+X3138+X3139+X3140+X3165+X3166+X3167+X3168+X316
9+X3170+X3171+X3172+X3173+X3174+X3175+X3176+X3177+X3178+X3179+X3180+X3181+X3182+X3207+X3208+X3209+X3210+X3211+X3212
+X3213+X3214+X3215+X3216+X3217+X3218+X3219+X3220+X3221+X3222+X3223+X3224+X3249+X3250+X3251+X3252+X3253+X3254+X3255+
X3256+X3257+X3258+X3259+X3260+X3261+X3262+X3263+X3264+X3265+X3266=52.132

X2973+X2974+X2975+X2976+X2977+X2978+X2979+X2980+X2981+X3015+X3016+X3017+X3018+X3019+X3020+X3021+X3022+X3023+X3057+X
3058+X3059+X3060+X3061+X3062+X3063+X3064+X3065+X3099+X3100+X3101+X3102+X3103+X3104+X3105+X3106+X3107+X3141+X3142+X3
143+X3144+X3145+X3146+X3147+X3148+X3149+X3183+X3184+X3185+X3186+X3187+X3188+X3189+X3190+X3191+X3225+X3226+X3227+X32
28+X3229+X3230+X3231+X3232+X3233=52.132

X2982+X2983+X2984+X2985+X2986+X2987+X2988+X2989+X2990+X2997+X2998+X2999+X3000+X3001+X3002+X3003+X3004+X3024+X3025+X
3026+X3027+X3028+X3029+X3030+X3031+X3032+X3039+X3040+X3041+X3042+X3043+X3044+X3045+X3046+X3066+X3067+X3068+X3069+X3
070+X3071+X3072+X3073+X3074+X3081+X3082+X3083+X3084+X3085+X3086+X3087+X3088+X3108+X3109+X3110+X3111+X3112+X3113+X31
14+X3115+X3116+X3123+X3124+X3125+X3126+X3127+X3128+X3129+X3130+X3150+X3151+X3152+X3153+X3154+X3155+X3156+X3157+X315
8+X3165+X3166+X3167+X3168+X3169+X3170+X3171+X3172+X3173+X3174+X3175+X3176+X3177+X3178+X3179+X3194+X3195+X3196+X3197+X3198+X3199+X3200+X3207+X3208
+X3209+X3210+X3211+X3212+X3213+X3214+X3234+X3235+X3236+X3237+X3238+X3239+X3240+X3241+X3242+X3249+X3250+X3251+X3252+
X3253+X3254+X3255+X3256=52.132

X2991+X2992+X2993+X2994+X2995+X2996+X3005+X3006+X3007+X3008+X3009+X3010+X3033+X3034+X3035+X3036+X3037+X3038+X3047+X
3048+X3049+X3050+X3051+X3052+X3075+X3076+X3077+X3078+X3079+X3080+X3089+X3090+X3091+X3092+X3093+X3094+X3117+X3118+X3
119+X3120+X3121+X3122+X3131+X3132+X3133+X3134+X3135+X3136+X3159+X3160+X3161+X3162+X3163+X3164+X3173+X3174+X3175+X31
76+X3177+X3178+X3201+X3202+X3203+X3204+X3205+X3206+X3215+X3216+X3217+X3218+X3219+X3220+X3243+X3244+X3245+X3246+X324
7+X3248+X3257+X3258+X3259+X3260+X3261+X3262=52.132

ST

X3267+X3268+X3269+X3270+X3271+X3272+X3273+X3274+X3275+X3276+X3277+X3278+X3279+X3280+X3281+X3282+X3283+X3284+X3285+X3286+X3287+X3288+X3289+X3290+X3291+X3292+X3293+X3294+X3295+X3296+X3297+X3298+X3299+X3300+X3301+X3302+X3303+X3304+X3305+X3306+X3307+X3308=40
X3309+X3310+X3311+X3312+X3313+X3314+X3315+X3316+X3317+X3318+X3319+X3320+X3321+X3322+X3323+X3324+X3325+X3326+X3327+X3328+X3329+X3330+X3331+X3332+X3333+X3334+X3335+X3336+X3337+X3338+X3339+X3340+X3341+X3342+X3343+X3344+X3345+X3346+X3347+X3348+X3349+X3350=30
X3351+X3352+X3353+X3354+X3355+X3356+X3357+X3358+X3359+X3360+X3361+X3362+X3363+X3364+X3365+X3366+X3367+X3368+X3369+X3370+X3371+X3372+X3373+X3374=49.19
X3375+X3376+X3377+X3378+X3379+X3380+X3381+X3382+X3383+X3384+X3385+X3386+X3387+X3388+X3389+X3390+X3391+X3392+X3393+X3394+X3395+X3396+X3397+X3398+X3399+X3400+X3401+X3402+X3403+X3404+X3405+X3406+X3407+X3408+X3409+X3410+X3411+X3412+X3413+X3414+X3415+X3416+X3417+X3418+X3419+X3420+X3421+X3422+X3423+X3424+X3425+X3426+X3427+X3428+X3429=46.3
X3430+X3431+X3432+X3433+X3434+X3435+X3436+X3437+X3438+X3439+X3440+X3441+X3442+X3443+X3444+X3445+X3446+X3447+X3448+X3449+X3450+X3451+X3452+X3453+X3454+X3455+X3456+X3457+X3458+X3459+X3460+X3461+X3462+X3463+X3464+X3465+X3466+X3467+X3468+X3469+X3470+X3471+X3472+X3473+X3474+X3475+X3476+X3477+X3478+X3479+X3480+X3481+X3482+X3483+X3484=49
X3485+X3486+X3487+X3488+X3489+X3490+X3491+X3492+X3493+X3494+X3495+X3496+X3497+X3498+X3499+X3500+X3501+X3502+X3503+X3504+X3505+X3506+X3507+X3508=48
X3509+X3510+X3511+X3512+X3513+X3514+X3515+X3516+X3517+X3518+X3519+X3520+X3521+X3522+X3523+X3524+X3525+X3526+X3527+X3528+X3529+X3530+X3531+X3532=48
X3533+X3534+X3535+X3536+X3537+X3538+X3539+X3540+X3541+X3542+X3543+X3544+X3545+X3546+X3547+X3548+X3549+X3550+X3551+X3552+X3553+X3554+X3555+X3556=36

VH0+255.68X3267+255.68X3268+255.68X3269+255.68X3270+255.68X3271+255.68X3272+255.68X3273+255.68X3274+255.68X3275+255.68X3276+255.68X3277+255.68X3278+255.68X3279+255.68X3280+255.68X3281+255.68X3282+255.68X3283+255.68X3284+255.68X3285+255.68X3286+255.68X3287+255.68X3288+255.68X3289+255.68X3290+341.82X3309+341.82X3310+341.82X3311+341.82X3312+341.82X3313+341.82X3314+341.82X3315+341.82X3316+341.82X3317+341.82X3318+341.82X3319+341.82X3320+341.82X3321+341.82X3322+341.82X3323+341.82X3324+341.82X3325+341.82X3326+341.82X3327+341.82X3328+341.82X3329+341.82X3330+341.82X3331+341.82X3332+293.27X3351+293.27X3352+293.27X3353+293.27X3354+293.27X3355+293.27X3356+293.27X3357+293.27X3358+293.27X3359+293.27X3360+293.27X3361+293.27X3362+293.27X3363+293.27X3364+293.27X3365+293.27X3366+293.27X3367+293.27X3368+293.27X3369+293.27X3370+293.27X3371+293.27X3372+293.27X3373+293.27X3374+202.22X3375+202.22X3376+202.22X3377+202.22X3378+202.22X3379+202.22X3380+202.22X3381+202.22X3382+202.22X3383+202.22X3384+202.22X3385+202.22X3386+202.22X3387+202.22X3388+202.22X3389+202.22X3390+202.22X3391+202.22X3392+202.22X3393+202.22X3394+202.22X3395+202.22X3396+202.22X3397+202.22X3398+139.67X3430+139.67X3431+139.67X3432+139.67X3433+139.67X3434+139.67X3435+139.67X3436+139.67X3437+139.67X3438+139.67X3439+139.67X3440+139.67X3441+139.67X3442+139.67X3443+139.67X3444+139.67X3445+139.67X3446+139.67X3447+139.67X3448+139.67X3449+139.67X3450+139.67X3451+139.67X3452+139.67X3453+293.27X3485+293.27X3486+293.27X3487+293.27X3488+293.27X3489+293.27X3490+293.27X3491+293.27X3492+293.27X3493+293.27X3494+293.27X3495+293.27X3496+293.27X3497+293.27X3498+293.27X3499+293.27X3500+293.27X3501+293.27X3502+293.27X3503+293.27X3504+293.27X3505+293.27X3506+293.27X3507+293.27X3508+293.27X3509+293.27X3510+293.27X3511+293.27X3512+293.27X3513+293.27X3514+293.27X3515+293.27X3516+293.27X3517+293.27X3518+293.27X3519+293.27X3520+293.27X3521+293.27X3522+293.27X3523+293.27X3524+293.27X3525+293.27X3526+293.27X3527+293.27X3528+293.27X3529+293.27X3530+293.27X3531+293.27X3532+388.96X3533+388.96X3534+388.96X3535+388.96X3536+388.96X3537+388.96X3538+388.96X3539+388.96X3540+388.96X3541+388.96X3542+388.96X3543+388.96X3544+388.96X3545+388.96X3546+388.96X3547+388.96X3548+388.96X3549+388.96X3550+388.96X3551+388.96X3552+388.96X3553+388.96X3554+388.96X3555+388.96X3556=0

VH1+293.27X3291+293.27X3292+293.27X3293+293.27X3294+293.27X3295+293.27X3296+293.27X3297+293.27X3298+293.27X3299+293.27X3300+293.27X3301+293.27X3302+293.27X3303+293.27X3304+293.27X3305+293.27X3306+293.27X3307+293.27X3308+388.96X3333+388.96X3334+388.96X3335+388.96X3336+388.96X3337+388.96X3338+388.96X3339+388.96X3340+388.96X3341+388.96X3342+388.96X3343+388.96X3344+388.96X3345+388.96X3346+388.96X3347+388.96X3348+388.96X3349+388.96X3350+255.68X3399+255.68X3400+255.68X3401+255.68X3402+255.68X3403+255.68X3404+255.68X3405+255.68X3406+255.68X3407+255.68X3408+255.68X3409+255.68X3410+255.68X3411+255.68X3412+255.68X3413+255.68X3414+255.68X3415+255.68X3416+184.27X3454+184.27X3455+184.27X3456+184.27X3457+184.27X3458+184.27X3459+184.27X3460+184.27X3461+184.27X3462+184.27X3463+184.27X3464+184.27X3465+184.27X3466+184.27X3467+184.27X3468+184.27X3469+184.27X3470+184.27X3471=0

VH2+293.27X3417+293.27X3418+293.27X3419+293.27X3420+293.27X3421+293.27X3422+293.27X3423+293.27X3424+293.27X3425+293.27X3426+293.27X3427+293.27X3428+293.27X3429+212.78X3472+212.78X3473+212.78X3474+212.78X3475+212.78X3476+212.78X3477+212.78X3478+212.78X3479+212.78X3480+212.78X3481+212.78X3482+212.78X3483+212.78X3484=0

VH4+202.22X3267+202.22X3268+202.22X3269+202.22X3270+202.22X3271+202.22X3272+202.22X3273+202.22X3274+202.22X3275+275.81X3309+275.81X3310+275.81X3311+275.81X3312+275.81X3313+275.81X3314+275.81X3315+275.81X3316+275.81X3317+202.22X3351+202.22X3352+202.22X3353+202.22X3354+202.22X3355+202.22X3356+202.22X3357+202.22X3358+202.22X3359+202.22X3375+202.22X3376+202.22X3377+202.22X3378+202.22X3379+202.22X3380+202.22X3381+202.22X3382+202.22X3383+139.67X3430+139.67X3431+139.67X3432+139.67X3433+139.67X3434+139.67X3435+139.67X3436+139.67X3437+139.67X3438+202.22X3485+202.22X3486+202.22X3487+202.22X3488+202.22X3489+202.22X3490+202.22X3491+202.22X3492+202.22X3493+202.22X3509+202.22X3510+202.22X3511+202.22X3512+202.22X3513+202.22X3514+202.22X3515+202.22X3516+202.22X3517+275.81X3533+275.81X3534+275.81X3535+275.81X3536+275.81X3537+275.81X3538+275.81X3539+275.81X3540+275.81X3541=0

VH5+255.68X3276+255.68X3277+255.68X3278+255.68X3279+255.68X3280+255.68X3281+255.68X3282+255.68X3283+255.68X3284+202.22X3291+202.22X3292+202.22X3293+202.22X3294+202.22X3295+202.22X3296+202.22X3297+202.22X3298+341.82X3318+341.82X3319+341.82X3320+341.82X3321+341.82X3322+341.82X3323+341.82X3324+341.82X3325+275.81X3333+275.81X3334+275.81X3335+275.81X3336+275.81X3337+275.81X3338+275.81X3339+275.81X3340+255.68X3360+255.68X3361+255.68X3362+255.68X3363+255.68X3364+255.68X3365+255.68X3366+255.68X3367+255.68X3368+255.68X3369+255.68X3370+255.68X3371+255.68X3372+255.68X3373+255.68X3374+255.68X3375+255.68X3376+255.68X3377+255.68X3378+255.68X3379+255.68X3380+202.22X3401+202.22X3402+202.22X3403+202.22X3404+202.22X3405+202.22X3406+184.27X3439+184.27X3440+184.27X3441+184.27X3442+184.27X3443+184.27X3444+184.27X3445+184.27X3446+184.27X3447+139.67X3454+139.67X3455

+139.67X3456+139.67X3457+139.67X3458+139.67X3459+139.67X3460+139.67X3461+255.68X3494+255.68X3495+255.68X3496+255.68X3497+255.68X3498+255.68X3499+255.68X3500+255.68X3501+255.68X3502+255.68X3518+255.68X3519+255.68X3520+255.68X3521+255.68X3522+255.68X3523+255.68X3524+255.68X3525+255.68X3526+341.82X3542+341.82X3543+341.82X3544+341.82X3545+341.82X3546+341.82X3547+341.82X3548+341.82X3549+341.82X3550=0

VH6+293.27X3285+293.27X3286+293.27X3287+293.27X3288+293.27X3289+293.27X3290+255.68X3299+255.68X3300+255.68X3301+255.68X3302+255.68X3303+255.68X3304+388.96X3327+388.96X3328+388.96X3329+388.96X3330+388.96X3331+388.96X3332+341.82X3341+341.82X3342+341.82X3343+341.82X3344+341.82X3345+341.82X3346+293.27X3369+293.27X3370+293.27X3371+293.27X3372+293.27X3373+293.27X3374+293.27X3375+293.27X3376+293.27X3377+293.27X3378+293.27X3379+293.27X3380+293.27X3381+293.27X3382+293.27X3383+293.27X3384+293.27X3385+293.27X3386+293.27X3387+293.27X3388+293.27X3389+293.27X3390+293.27X3391+293.27X3392+293.27X3393+293.27X3394+293.27X3395+293.27X3396+293.27X3397+293.27X3398+255.68X3407+255.68X3408+255.68X3409+255.68X3410+255.68X3411+255.68X3412+202.22X3417+202.22X3418+202.22X3419+202.22X3420+202.22X3421+202.22X3422+212.78X3448+212.78X3449+212.78X3450+212.78X3451+212.78X3452+212.78X3453+184.27X3462+184.27X3463+184.27X3464+184.27X3465+184.27X3466+184.27X3467+139.67X3472+139.67X3473+139.67X3474+139.67X3475+139.67X3476+139.67X3477+293.27X3503+293.27X3504+293.27X3505+293.27X3506+293.27X3507+293.27X3508+293.27X3527+293.27X3528+293.27X3529+293.27X3530+293.27X3531+293.27X3532+388.96X3551+388.96X3552+388.96X3553+388.96X3554+388.96X3555+388.96X3556=0

VH7+293.27X3305+293.27X3306+293.27X3307+293.27X3308+388.96X3347+388.96X3348+388.96X3349+388.96X3350+293.27X3413+293.27X3414+293.27X3415+293.27X3416+255.68X3423+255.68X3424+255.68X3425+255.68X3426+212.78X3468+212.78X3469+212.78X3470+212.78X3471+184.27X3478+184.27X3479+184.27X3480+184.27X3481=0

VH8+202.22X3267+202.22X3268+202.22X3269+275.81X3309+275.81X3310+275.81X3311+202.22X3351+202.22X3352+202.22X3353+202.22X3375+202.22X3376+202.22X3377+293.27X3427+293.27X3428+293.27X3429+139.67X3430+139.67X3431+139.67X3432+212.78X3482+212.78X3483+212.78X3484+202.22X3485+202.22X3486+202.22X3487+202.22X3509+202.22X3510+202.22X3511+275.81X3533+275.81X3534+275.81X3535=0

VH9+255.68X3270+255.68X3271+255.68X3272+202.22X3276+202.22X3277+202.22X3278+202.22X3291+202.22X3292+202.22X3293+341.82X3312+341.82X3313+341.82X3314+275.81X3318+275.81X3319+275.81X3320+275.81X3333+275.81X3334+275.81X3335+255.68X3354+255.68X3355+255.68X3356+202.22X3360+202.22X3361+202.22X3362+255.68X3378+255.68X3379+255.68X3380+202.22X3384+202.22X3385+202.22X3386+202.22X3399+202.22X3400+202.22X3401+184.27X3433+184.27X3434+184.27X3435+139.67X3439+139.67X3440+139.67X3441+139.67X3454+139.67X3455+139.67X3456+255.68X3488+255.68X3489+255.68X3490+202.22X3494+202.22X3495+202.22X3496+255.68X3512+255.68X3513+255.68X3514+202.22X3518+202.22X3519+202.22X3520+341.82X3536+341.82X3537+341.82X3538+275.81X3542+275.81X3543+275.81X3544=0

X3267+X3268+X3269+X3270+X3271+X3272+X3273+X3274+X3275+X3276+X3277+X3278+X3279+X3280+X3281+X3282+X3283+X3284+X3285+X3286+X3287+X3288+X3289+X3290+X3309+X3310+X3311+X3312+X3313+X3314+X3315+X3316+X3317+X3318+X3319+X3320+X3321+X3322+X3323+X3324+X3325+X3326+X3327+X3328+X3329+X3330+X3331+X3332+X3351+X3352+X3353+X3354+X3355+X3356+X3357+X3358+X3359+X3360+X3361+X3362+X3363+X3364+X3365+X3366+X3367+X3368+X3369+X3370+X3371+X3372+X3373+X3374+X3375+X3376+X3377+X3378+X3379+X3380+X3381+X3382+X3383+X3384+X3385+X3386+X3387+X3388+X3389+X3390+X3391+X3392+X3393+X3394+X3395+X3396+X3397+X3398+X3399+X3400+X3401+X3402+X3403+X3404+X3405+X3406+X3407+X3408+X3409+X3410+X3411+X3412+X3413+X3414+X3415+X3416+X3417+X3418+X3419+X3420+X3421+X3422+X3423+X3424+X3425+X3426+X3427+X3428+X3429+X3430+X3431+X3432+X3433+X3434+X3435+X3436+X3437+X3438+X3439+X3440+X3441+X3442+X3443+X3444+X3445+X3446+X3447+X3448+X3449+X3450+X3451+X3452+X3453+X3454+X3455+X3456+X3457+X3458+X3459+X3460+X3461+X3462+X3463+X3464+X3465+X3466+X3467+X3468+X3469+X3470+X3471+69.298

X3291+X3292+X3293+X3294+X3295+X3296+X3297+X3298+X3299+X3300+X3301+X3302+X3303+X3304+X3305+X3306+X3307+X3308+X3333+X3334+X3335+X3336+X3337+X3338+X3339+X3340+X3341+X3342+X3343+X3344+X3345+X3346+X3347+X3348+X3349+X3350+X3399+X3400+X3401+X3402+X3403+X3404+X3405+X3406+X3407+X3408+X3409+X3410+X3411+X3412+X3413+X3414+X3415+X3416+X3417+X3418+X3419+X3420+X3421+X3422+X3423+X3424+X3425+X3426+X3427+X3428+X3429+X3430+X3431+X3432+X3433+X3434+X3435+X3436+X3437+X3438+X3439+X3440+X3441+X3442+X3443+X3444+X3445+X3446+X3447+X3448+X3449+X3450+X3451+X3452+X3453+X3454+X3455+X3456+X3457+X3458+X3459+X3460+X3461+X3462+X3463+X3464+X3465+X3466+X3467+X3468+X3469+X3470+X3471=69.298

X3417+X3418+X3419+X3420+X3421+X3422+X3423+X3424+X3425+X3426+X3427+X3428+X3429+X3430+X3431+X3432+X3433+X3434+X3435+X3436+X3437+X3438+X3439+X3440+X3441+X3442+X3443+X3444+X3445+X3446+X3447+X3448+X3449+X3450+X3451+X3452+X3453+X3454+X3455+X3456+X3457+X3458+X3459+X3460+X3461+X3462+X3463+X3464+X3465+X3466+X3467+X3468+X3469+X3470+X3471=69.298

X3267+X3268+X3269+X3270+X3271+X3272+X3273+X3274+X3275+X3309+X3310+X3311+X3312+X3313+X3314+X3315+X3316+X3317+X3351+X3352+X3353+X3354+X3355+X3356+X3357+X3358+X3359+X3375+X3376+X3377+X3378+X3379+X3380+X3381+X3382+X3383+X3430+X3431+X3432+X3433+X3434+X3435+X3436+X3437+X3438+X3439+X3440+X3441+X3442+X3443+X3444+X3445+X3446+X3447+X3448+X3449+X3450+X3451+X3452+X3453+X3454+X3455+X3456+X3457+X3458+X3459+X3460+X3461+X3462+X3463+X3464+X3465+X3466+X3467+X3468+X3469+X3470+X3471=69.298

X3276+X3277+X3278+X3279+X3280+X3281+X3282+X3283+X3284+X3291+X3292+X3293+X3294+X3295+X3296+X3297+X3298+X3318+X3319+X3320+X3321+X3322+X3323+X3324+X3325+X3326+X3333+X3334+X3335+X3336+X3337+X3338+X3339+X3340+X3361+X3362+X3363+X3364+X3365+X3366+X3367+X3368+X3384+X3385+X3386+X3387+X3388+X3389+X3390+X3391+X3392+X3399+X3400+X3401+X3402+X3403+X3404+X3405+X3406+X3439+X3440+X3441+X3442+X3443+X3444+X3445+X3446+X3447+X3454+X3455+X3456+X3457+X3458+X3459+X3460+X3461+X3494+X3495+X3496+X3497+X3498+X3499+X3500+X3501+X3502+X3518+X3519+X3520+X3521+X3522+X3523+X3524+X3525+X3526+X3542+X3543+X3544+X3545+X3546+X3547+X3548+X3549+X3550=69.298

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X3305+X3306+X3307+X3308+X3347+X3348+X3349+X3350+X3413+X3414+X3415+X3416+X3423+X3424+X3425+X3426+X3468+X3469+X3470+X3471+X3478+X3479+X3480+X3481=69.298

X3267+X3268+X3269+X3309+X3310+X3311+X3351+X3352+X3353+X3375+X3376+X3377+X3427+X3428+X3429+X3430+X3431+X3432+X3482+X3483+X3484+X3485+X3486+X3487+X3509+X3510+X3511+X3533+X3534+X3535=69.298

X3270+X3271+X3272+X3276+X3277+X3278+X3291+X3292+X3293+X3312+X3313+X3314+X3318+X3319+X3320+X3333+X3334+X3335+X3354+X3355+X3356+X3360+X3361+X3362+X3378+X3379+X3380+X3384+X3385+X3386+X3399+X3400+X3401+X3433+X3434+X3435+X3439+X3440+X3441+X3454+X3455+X3456+X3488+X3489+X3490+X3494+X3495+X3496+X3512+X3513+X3514+X3518+X3519+X3520+X3536+X3537+X3538+X3542+X3543+X3544=69.298

X3273+X3274+X3275+X3279+X3280+X3281+X3285+X3286+X3287+X3294+X3295+X3296+X3299+X3300+X3301+X3315+X3316+X3317+X3321+X3322+X3323+X3327+X3328+X3329+X3336+X3337+X3338+X3341+X3342+X3343+X3357+X3358+X3359+X3363+X3364+X3365+X3369+X3370+X3371+X3381+X3382+X3383+X3387+X3388+X3393+X3394+X3395+X3402+X3403+X3404+X3407+X3408+X3409+X3417+X3418+X3419+X34

X3605+X3606+X3607+X3608+X3609+X3610+X3611+X3612+X3613+X3614+X3615+X3616+X3617+X3618+X3619+X3620+X3621+X3622+X3660+X3661+X3662+X3663+X3664+X3665+X3666+X3667+X3668+X3669+X3670+X3671+X3672+X3673+X3674+X3675+X3676+X3677+X3715+X3716+X3717+X3718+X3719+X3720+X3721+X3722+X3723+X3724+X3725+X3726+X3727+X3728+X3729+X3730+X3731+X3732=66.02
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X3746+X3747+X3748+X3749+X3750+X3751+X3752+X3753+X3754+X3755=66.02
X3557+X3558+X3559+X3560+X3561+X3562+X3563+X3564+X3565+X3581+X3582+X3583+X3584+X3585+X3586+X3587+X3588+X3589+X3636+X3637+X3638+X3639+X3640+X3641+X3642+X3643+X3644+X3691+X3692+X3693+X3694+X3695+X3696+X3697+X3698+X3699+X3756+X3757+X3758+X3759+X3760+X3761+X3762+X3763+X3764+X3780+X3781+X3782+X3783+X3784+X3785+X3786+X3787+X3788+X3804+X3805+X3806+X3807+X3808+X3809+X3810+X3811+X3812=66.02
X3566+X3567+X3568+X3569+X3570+X3571+X3572+X3573+X3574+X3590+X3591+X3592+X3593+X3594+X3595+X3596+X3597+X3598+X3605+X3606+X3607+X3608+X3609+X3610+X3611+X3612+X3645+X3646+X3647+X3648+X3649+X3650+X3651+X3652+X3653+X3660+X3661+X3662+X3663+X3664+X3665+X3666+X3667+X3700+X3701+X3702+X3703+X3704+X3705+X3706+X3707+X3708+X3715+X3716+X3717+X3718+X3719+X3720+X3721+X3722+X3765+X3766+X3767+X3768+X3769+X3770+X3771+X3772+X3773+X3789+X3790+X3791+X3792+X3793+X3794+X3795+X3796+X3797+X3798+X3814+X3815+X3816+X3817+X3818+X3819+X3820+X3821=66.02
X3575+X3576+X3577+X3578+X3579+X3580+X3581+X3582+X3600+X3601+X3602+X3603+X3604+X3613+X3614+X3615+X3616+X3617+X3618+X3623+X3624+X3625+X3626+X3627+X3628+X3654+X3655+X3656+X3657+X3658+X3659+X3668+X3669+X3670+X3671+X3672+X3673+X3678+X3679+X3680+X3681+X3682+X3683+X3709+X3710+X3711+X3712+X3713+X3714+X3723+X3724+X3725+X3726+X3727+X3728+X3733+X3734+X3735+X3736+X3737+X3738+X3739+X3740+X3741+X3742+X3743+X3744+X3745+X3746+X3747+X3748+X3749+X3750+X3751+X3752+X3753+X3754+X3755=66.02
X3557+X3558+X3559+X3581+X3582+X3583+X3633+X3634+X3635+X3637+X3638+X3688+X3689+X3690+X3691+X3692+X3693+X3743+X3744+X3745+X3750+X3751+X3752+X3756+X3757+X3758+X3780+X3781+X3782+X3804+X3805+X3806=66.02
X3560+X3561+X3562+X3566+X3567+X3568+X3584+X3585+X3586+X3590+X3591+X3592+X3605+X3606+X3607+X3639+X3640+X3641+X3645+X3646+X3647+X3660+X3661+X3662+X3694+X3695+X3696+X3697+X3698+X3699+X3716+X3717+X3718+X3719+X3720+X3721+X3722+X3765+X3766+X3767+X3783+X3784+X3785+X3789+X3790+X3791+X3807+X3808+X3809+X3813+X3814+X3815=66.02
X3563+X3564+X3565+X3569+X3570+X3571+X3575+X3576+X3577+X3587+X3588+X3589+X3593+X3594+X3595+X3599+X3600+X3601+X3608+X3609+X3610+X3613+X3614+X3615+X3623+X3624+X3625+X3642+X3643+X3644+X3648+X3649+X3650+X3654+X3655+X3656+X3663+X3664+X3665+X3668+X3669+X3670+X3678+X3679+X3680+X3697+X3698+X3699+X3703+X3704+X3705+X3709+X3710+X3711+X3718+X3719+X3720+X3723+X3724+X3725+X3734+X3735+X3736+X3737+X3739+X3740+X3744+X3745+X3746+X3747+X3748+X3749+X3750+X3751+X3752+X3781+X3782+X3812+X3816+X3817+X3818+X3822+X3823+X3824=66.02
X3572+X3573+X3574+X3578+X3579+X3596+X3597+X3598+X3602+X3603+X3611+X3612+X3616+X3617+X3619+X3620+X3626+X3627+X3629+X3630+X3651+X3652+X3653+X3657+X3658+X3666+X3667+X3671+X3672+X3674+X3675+X3678+X3681+X3682+X3684+X3685+X3706+X3707+X3708+X3712+X3713+X3721+X3722+X3726+X3727+X3729+X3730+X3736+X3737+X3739+X3740+X3746+X3747+X3771+X3772+X3773+X3777+X3778+X3795+X3796+X3797+X3801+X3802+X3819+X3820+X3821+X3825+X3826=66.02
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X3558+X3560+X3566+X3582+X3584+X3590+X3605+X3622+X3632+X3634+X3637+X3639+X3645+X3660+X3677+X3687+X3689+X3692+X3694+X3700+X3715+X3732+X3742+X3744+X3749+X3751+X3753+X3757+X3759+X3765+X3781+X3783+X3789+X3805+X3807+X3813=66.02
X3559+X3561+X3563+X3567+X3569+X3575+X3583+X3585+X3587+X3591+X3593+X3599+X3606+X3608+X3613+X3623+X3635+X3638+X3640+X3642+X3646+X3648+X3654+X3661+X3663+X3668+X3678+X3690+X3693+X3695+X3697+X3701+X3703+X3709+X3716+X3718+X3723+X3733+X3745+X3752+X3754+X3758+X3760+X3762+X3766+X3768+X3774+X3782+X3784+X3786+X3790+X3792+X3798+X3806+X3808+X3810+X3814+X3816+X3822=66.02
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X3557+X3565+X3571+X3573+X3574+X3577+X3579+X3580+X3581+X3589+X3595+X3597+X3598+X3601+X3603+X3604+X3610+X3612+X3615+X3617+X3618+X3620+X3621+X3625+X3627+X3628+X3630+X3631+X3633+X3636+X3644+X3650+X3652+X3653+X3656+X3658+X3659+X3665+X3667+X3670+X3672+X3675+X3677+X3728+X3729+X3730+X3731+X3735+X3737+X3740+X3741+X3743+X3747+X3748+X3750+X3751+X3753+X3772+X3773+X3776+X3778+X3779+X3780+X3788+X3794+X3796+X3797+X3800+X3802+X3803+X3804+X3812+X3818+X3820+X3821+X3824+X3826+X3827=66.02

Parte 15

MAX
6094.92X3828+6060.68X3829+6001.73X3830+6136.6X3831+6368.12X3832+7109.87X3833+6073.03X3834+7088.81X3835+6232.45X3836+6463.97X3837+7205.72X3838+6535.6X3839+7551.38X3840+7272.99X3841+6163.05X3842+7178.83X3843+7246.41X3844+6833.15X3845+5733.9X3846+5965.42X3847+6707.17X3848+6037.05X3849+7052.83X3850+6774.44X3851+6127.47X3852+7143.25X3853+7210.83X3854+6797.57X3855+6859.37X3856+6772.49X3857+6430.34X3858+5126.33X3859+6142.11X3860+6209.69X3861+5796.43X3862+6294.99X3863+6208.12X3864+5865.97X3865+5876.55X3866+5842.31X3867+5783.35X3868+14753.52X3869+14616.43X3870+14414.62X3871+14655.55X3872+14801.35X3873+15211.46X3874+14399.4X3875+15137.45X3876+14704.94X3877+14850.74X3878+15260.85X3879+14887.65X3880+15625.7X3881+15246.5X3882+14380.19X3883+15118.24X3884+15153.06X3885+14596X3886+14025.84X3887+14171.65X3888+14581.76X3889+14208.56X3890+14946.61X3891+14567.41X3892+14255.15X3893+14993.2X3894+15028.02X3895+14470.96X3896+14549.28X3897+14382.81X3898+13877.24X3899+12977.9X3900+13715.95X3901+13750.76X3902+13193.71X3903+13794.72X3904+13628.25X3905+13122.68X3906+13176.61X3907+13039.52X3908+12837.71X3909+5253.57X3910+5485.1X3911+6226.85X3912+5556.72X3913+6572.51X3914+6294.12X3915+5647.15X3916+6662.93X3917+6730.5X3918+6317.25X3919+6379.04X3920+6292.17X3921+5950.02X3922+5176.82X3923+6192.6X3924+6260.17X3925+5846.92X3926+6345.48X3927+6258.6X3928+5916.45X3929+5927.04X3930+5892.79X3931+5833.84X3932+5401.01X3933+5314.13X3934+4971.98X3935+5394.61X3936+5360.36X3937+5301.41X3938+5047.56X3939+5279.09X3940+6020.84X3941-841.13X3942-874.18X3943-1108.57X3944-752.43X3945-683.94X3946-620.84X3947-951.45X3948-602.62X3949+447.3X3950-598.72X3951-530.23X3952-467.13X3953-415.37X3954-66.55X3955+983.38X3956-318.91X3957+1000.57X3958+1000.57X3959-753.1X3960-404.27X3961+645.65X3962-295.91X3963+1023.57X3964+785.49X3965-1050.67X3966-982.19X3967-919.09X3968-867.33X3969-518.5X3970+531.43X3971-770.87X3972+548.61X3973-722.32X3974-373.49X3975+676.43X3976-

184.27X3955+184.27X3956+184.27X3957+184.27X3958+184.27X3959+139.67X3966+139.67X3967+139.67X3968+139.67X3969+139.67X3970+139.67X3971+139.67X3972+139.67X3973+184.27X4006+184.27X4007+184.27X4008+184.27X4009+184.27X4010+184.27X4011+184.27X4012+184.27X4013+184.27X4014+139.67X4021+139.67X4022+139.67X4023+139.67X4024+139.67X4025+139.67X4026+139.67X4027+139.67X4028+184.27X4061+184.27X4062+184.27X4063+184.27X4064+184.27X4065+184.27X4066+184.27X4067+184.27X4068+184.27X4069+139.67X4076+139.67X4077+139.67X4078+139.67X4079+139.67X4080+139.67X4081+139.67X4082+139.67X4083=0

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VH6+255.68X3836+255.68X3837+255.68X3838+255.68X3839+255.68X3840+255.68X3841+202.22X3846+202.22X3847+202.22X3848+202.22X3849+202.22X3850+202.22X3851+341.82X3877+341.82X3878+341.82X3879+341.82X3880+341.82X3881+341.82X3882+275.81X3887+275.81X3888+275.81X3889+275.81X3890+275.81X3891+275.81X3892+202.22X3910+202.22X3911+202.22X3912+202.22X3913+202.22X3914+202.22X3915+212.78X3960+212.78X3961+212.78X3962+212.78X3963+212.78X3964+212.78X3965+184.27X3974+184.27X3975+184.27X3976+184.27X3977+184.27X3978+184.27X3979+139.67X3984+139.67X3985+139.67X3986+139.67X3987+139.67X3988+139.67X3989+212.78X4015+212.78X4016+212.78X4017+212.78X4018+212.78X4019+212.78X4020+184.27X4029+184.27X4030+184.27X4031+184.27X4032+184.27X4033+184.27X4034+139.67X4039+139.67X4040+139.67X4041+139.67X4042+139.67X4043+139.67X4044+212.78X4070+212.78X4071+212.78X4072+212.78X4073+212.78X4074+212.78X4075+184.27X4084+184.27X4085+184.27X4086+184.27X4087+184.27X4088+184.27X4089+139.67X4094+139.67X4095+139.67X4096+139.67X4097+139.67X4098+139.67X4099=0

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VH7+293.27X3842+293.27X3843+293.27X3844+293.27X3845+255.68X3852+255.68X3853+255.68X3854+255.68X3855+202.22X3859+202.22X3860+202.22X3861+202.22X3862+388.96X3883+388.96X3884+388.96X3885+388.96X3886+341.82X3893+341.82X3894+341.82X3895+341.82X3896+275.81X3900+275.81X3901+275.81X3902+275.81X3903+255.68X3916+255.68X3917+255.68X3918+255.68X3919+202.22X3923+202.22X3924+202.22X3925+202.22X3926+212.78X3980+212.78X3981+212.78X3982+212.78X3983+184.27X3990+184.27X3991+184.27X3992+184.27X3993+212.78X4035+212.78X4036+212.78X4037+212.78X4038+184.27X4045+184.27X4046+184.27X4047+184.27X4048+212.78X4090+212.78X4091+212.78X4092+212.78X4093+184.27X4100+184.27X4101+184.27X4102+184.27X4103=0

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VH8+293.27X3856+293.27X3857+293.27X3858+255.68X3863+255.68X3864+255.68X3865+388.96X3897+388.96X3898+388.96X3899+341.82X3904+341.82X3905+341.82X3906+293.27X3920+293.27X3921+293.27X3922+255.68X3927+255.68X3928+255.68X3929+202.22X3933+202.22X3934+202.22X3935+139.67X3942+139.67X3943+139.67X3944+212.78X3994+212.78X3995+212.78X3996+139.67X3997+139.67X3998+139.67X3999+212.78X4049+212.78X4050+212.78X4051+139.67X4052+139.67X4053+139.67X4054+212.78X4104+212.78X4105+212.78X4106=0

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VH9+202.22X3828+202.22X3829+202.22X3830+293.27X3866+293.27X3867+293.27X3868+275.81X3869+275.81X3870+275.81X3871+388.96X3907+388.96X3908+388.96X3909+293.27X3930+293.27X3931+293.27X3932+255.68X3936+255.68X3937+255.68X3938+184.27X3945+184.27X3946+184.27X3947+139.67X3951+139.67X3952+139.67X3953+139.67X3966+139.67X3967+139.67X3968+184.27X4000+184.27X4001+184.27X4002+139.67X4006+139.67X4007+139.67X4008+139.67X4021+139.67X4022+139.67X4023+184.27X4055+184.27X4056+184.27X4057+139.67X4061+139.67X4062+139.67X4063+139.67X4076+139.67X4077+139.67X4078=0

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VH10+255.68X3831+255.68X3832+255.68X3833+202.22X3836+202.22X3837+202.22X3838+202.22X3846+202.22X3847+202.22X3848+341.82X3872+341.82X3873+341.82X3874+275.81X3877+275.81X3878+275.81X3879+275.81X3887+275.81X3888+275.81X3889+202.22X3910+202.22X3911+202.22X3912+293.27X3939+293.27X3940+293.27X3941+212.78X3948+212.78X3949+212.78X3950+184.27X3954+184.27X3955+184.27X3956+139.67X3960+139.67X3961+139.67X3962+184.27X3969+184.27X3970+184.27X3971+139.67X3974+139.67X3975+139.67X3976+139.67X3984+139.67X3985+139.67X3986+212.78X4003+212.78X4004+212.78X4005+184.27X4009+184.27X4010+184.27X4011+139.67X4015+139.67X4016+139.67X4017+184.27X4024+184.27X4025+184.27X4026+139.67X4029+139.67X4030+139.67X4031+139.67X4039+139.67X4040+139.67X4041+212.78X4058+212.78X4059+212.78X4060+184.27X4064+184.27X4065+184.27X4066+139.67X4070+139.67X4071+139.67X4072+184.27X4079+184.27X4080+184.27X4081+139.67X4084+139.67X4085+139.67X4086+139.67X4094+139.67X4095+139.67X4096=0

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VH11+293.27X3834+293.27X3835+255.68X3839+255.68X3840+202.22X3842+202.22X3843+255.68X3849+255.68X3850+202.22X3852+202.22X3853+202.22X3859+202.22X3860+388.96X3875+388.96X3876+341.82X3880+341.82X3881+275.81X3883+275.81X3884+341.82X3890+341.82X3891+275.81X3893+275.81X3894+275.81X3900+275.81X3901+255.68X3913+255.68X3914+202.22X3916+202.22X3917+202.22X3923+202.22X3924+212.78X3957+212.78X3958+212.78X3959+184.27X3963+184.27X3964+212.78X3972+212.78X3973+184.27X3977+184.27X3978+139.67X3980+139.67X3981+184.27X3987+184.27X3988+139.67X3990+139.67X3991+212.78X4012+212.78X4013+212.78X4014+184.27X4018+184.27X4019+212.78X4027+212.78X4028+184.27X4032+184.27X4033+139.67X4035+139.67X4036+184.27X4042+184.27X4043+139.67X4045+139.67X4046+212.78X4067+212.78X4068+212.78X4069+184.27X4073+184.27X4074+212.78X4082+212.78X4083+184.27X4087+184.27X4088+139.67X4090+139.67X4091+184.27X4097+184.27X4098+139.67X4100+139.67X4101=0

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VH12+293.27X3841+255.68X3844+293.27X3851+255.68X3854+202.22X3856+255.68X3861+202.22X3863+388.96X3882+341.82X3885+388.96X3892+341.82X3895+275.81X3897+341.82X3902+275.81X3904+293.27X3915+255.68X3918+202.22X3920+255.68X3925+202.22X3927+202.22X3933+139.67X3942+212.78X3965+212.78X3979+184.27X3982+212.78X3989+184.27X3992+139.67X3994+139.67X3997+212.78X4020+212.78X4034+184.27X4037+212.78X4044+184.27X4047+139.67X4049+139.67X4052+212.78X4075+212.78X4089+184.27X4092+212.78X4099+184.27X4102+139.67X4104=0

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VH13+202.22X3828+293.27X3845+293.27X3855+255.68X3857+293.27X3862+255.68X3864+202.22X3866+275.81X3869+388.96X3886+388.96X3896+341.82X3898+388.96X3903+341.82X3905+275.81X3907+293.27X3919+255.68X3921+293.27X3926+255.68X3928+202.22X3930+255.68X3934+202.22X3936+184.27X3943+139.67X3945+139.67X3951+139.67X3966+212.78X3983+212.78X3993+184.27X3995+184.27X3998+139.67X4000+139.67X4006+139.67X4021+212.78X4038+212.78X4048+184.27X4050+184.27X4053+139.67X4055+139.67X4061+139.67X4076+212.78X4093+212.78X4103+184.27X4105=0

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VH14+255.68X3829+202.22X3831+202.22X3836+202.22X3846+293.27X3858+293.27X3865+255.68X3867+341.82X3870+275.81X3872+275.81X3877+275.81X3887+388.96X3899+388.96X3906+341.82X3908+202.22X3910+293.27X3922+293.27X3929+255.68X3931+293.27X3935+255.68X3937+202.22X3939+212.78X3944+184.27X3946+139.67X3948+184.27X3952+139.67X3954+139.67X3960+184.27X3967+139.67X3969+139.67X3974+139.67X3984+212.78X3996+212.78X3999+184.27X4001+139.67X4003+184.27X4007+139.67X4009+139.67X4015+184.27X4022+139.67X4024+139.67X4029+139.67X4039+212.78X4051+212.78X4054+184.27X4056+139.67X4058+184.27X4062+139.67X4064+139.67X4070+184.27X4077+139.67X4079+139.67X4084+139.67X4094+212.78X4106=0

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VH15+293.27X3830+255.68X3832+202.22X3834+255.68X3837+202.22X3839+202.22X3842+255.68X3847+202.22X3849+202.22X3852+202.22X3853+293.27X3868+388.96X3871+341.82X3873+275.81X3875+341.82X3878+275.81X3880+275.81X3883+341.82X3888+275.81X3890+275.81X3893+275.81X3900+388.96X3909+255.68X3911+202.22X3913+202.22X3916+202.22X3923+293.27X3932+293.27X3938+255.68X3940+212.78X3947+1

+418.15X4240+212.78X4241+212.78X4242+212.78X4243+212.78X4244+212.78X4245+212.78X4246+212.78X4247+212.78X4248+212.78X4249+212.78X4250+212.78X4251+212.78X4252+212.78X4253+212.78X4254+212.78X4255+212.78X4256+212.78X4257+212.78X4258+212.78X4259+212.78X4260+212.78X4261+212.78X4262+212.78X4263+212.78X4264+293.27X4265+293.27X4266+293.27X4267+293.27X4268+293.27X4269+293.27X4270+293.27X4271+293.27X4272+293.27X4273+293.27X4274+293.27X4275+293.27X4276+293.27X4277+293.27X4278+293.27X4279+293.27X4280+293.27X4281+293.27X4282+293.27X4283+293.27X4284+293.27X4285+293.27X4286+293.27X4287+293.27X4288+315.79X4289+315.79X4290+0+315.79X4291+315.79X4292+315.79X4293+315.79X4294+315.79X4295+315.79X4296+315.79X4297+315.79X4298+315.79X4299+315.79X4300+315.79X4301+315.79X4302+315.79X4303+315.79X4304+315.79X4305+315.79X4306+315.79X4307+315.79X4308+315.79X4309+315.79X4310+315.79X4311+315.79X4312+315.79X4313+315.79X4314+315.79X4315+315.79X4316+315.79X4317+315.79X4318+315.79X4319+315.79X4320+315.79X4321+315.79X4322+315.79X4323+315.79X4324+315.79X4325+315.79X4326+315.79X4327+315.79X4328+315.79X4329+315.79X4330+315.79X4331+315.79X4332+315.79X4333+315.79X4334+315.79X4335+315.79X4336=0

VH1+184.27X4131+184.27X4132+184.27X4133+184.27X4134+184.27X4135+184.27X4136+184.27X4137+184.27X4138+184.27X4139+184.27X4140+184.27X4141+184.27X4142+184.27X4143+184.27X4144+184.27X4145+184.27X4146+184.27X4147+184.27X4148+184.27X4186+184.27X4187+184.27X4188+184.27X4189+184.27X4190+184.27X4191+184.27X4192+184.27X4193+184.27X4194+184.27X4195+184.27X4196+184.27X4197+184.27X4198+184.27X4199+184.27X4200+184.27X4201+184.27X4202+184.27X4203=0

VH2+212.78X4149+212.78X4150+212.78X4151+212.78X4152+212.78X4153+212.78X4154+212.78X4155+212.78X4156+212.78X4157+212.78X4158+212.78X4159+212.78X4160+212.78X4161+212.78X4204+212.78X4205+212.78X4206+212.78X4207+212.78X4208+212.78X4209+212.78X4210+212.78X4211+212.78X4212+212.78X4213+212.78X4214+212.78X4215+212.78X4216=0

VH3+275.81X4337+275.81X4338+275.81X4339+275.81X4340+275.81X4341+275.81X4342+275.81X4343+275.81X4344+275.81X4345+275.81X4346+275.81X4364+275.81X4365+275.81X4366+275.81X4367+275.81X4368+275.81X4369+275.81X4370+275.81X4371+275.81X4372+275.81X4373=0

VH4+139.67X4107+139.67X4108+139.67X4109+139.67X4110+139.67X4111+139.67X4112+139.67X4113+139.67X4114+139.67X4115+139.67X4116+139.67X4163+139.67X4164+139.67X4165+139.67X4166+139.67X4167+139.67X4168+139.67X4169+139.67X4170+275.81X4217+275.81X4218+275.81X4219+275.81X4220+275.81X4221+275.81X4222+275.81X4223+275.81X4224+275.81X4225+139.67X4241+139.67X4242+139.67X4243+139.67X4244+139.67X4245+139.67X4246+139.67X4247+139.67X4248+139.67X4249+202.22X4265+202.22X4266+202.22X4267+202.22X4268+202.22X4269+202.22X4270+202.22X4271+202.22X4272+202.22X4273+202.22X4289+202.22X4290+202.22X4291+202.22X4292+202.22X4293+202.22X4294+202.22X4295+202.22X4296+202.22X4297+202.22X4313+202.22X4314+202.22X4315+202.22X4316+202.22X4317+202.22X4318+202.22X4319+202.22X4320+202.22X4321+341.82X4347+341.82X4348+341.82X4349+341.82X4350+341.82X4351+341.82X4352+341.82X4353+341.82X4354+341.82X4355+341.82X4374+341.82X4375+341.82X4376+341.82X4377+341.82X4378+341.82X4379+341.82X4380+341.82X4381+341.82X4382=0

VH5+184.27X4116+184.27X4117+184.27X4118+184.27X4119+184.27X4120+184.27X4121+184.27X4122+184.27X4123+184.27X4124+139.67X413+139.67X4132+139.67X4133+139.67X4134+139.67X4135+139.67X4136+139.67X4137+139.67X4138+184.27X4171+184.27X4172+184.27X4173+184.27X4174+184.27X4175+184.27X4176+184.27X4177+184.27X4178+184.27X4179+139.67X4186+139.67X4187+139.67X4188+139.67X4189+139.67X4190+139.67X4191+139.67X4192+139.67X4193+341.82X4226+341.82X4227+341.82X4228+341.82X4229+341.82X4230+341.82X4231+341.82X4232+341.82X4233+341.82X4234+184.27X4250+184.27X4251+184.27X4252+184.27X4253+184.27X4254+184.27X4255+184.27X4256+184.27X4257+184.27X4258+255.68X4274+255.68X4275+255.68X4276+255.68X4277+255.68X4278+255.68X4279+255.68X4280+255.68X4281+255.68X4282+255.68X4298+255.68X4299+255.68X4300+255.68X4301+255.68X4302+255.68X4303+255.68X4304+255.68X4305+255.68X4306+255.68X4322+255.68X4323+255.68X4324+255.68X4325+255.68X4326+255.68X4327+255.68X4328+255.68X4329+255.68X4330+388.96X4356+388.96X4357+388.96X4358+388.96X4359+388.96X4360+388.96X4361+388.96X4362+388.96X4363+388.96X4364+388.96X4365+388.96X4366+388.96X4367+388.96X4368+388.96X4369+388.96X4390=0

VH6+212.78X4125+212.78X4126+212.78X4127+212.78X4128+212.78X4129+212.78X4130+184.27X4139+184.27X4140+184.27X4141+184.27X4142+184.27X4143+184.27X4144+139.67X4149+139.67X4150+139.67X4151+139.67X4152+139.67X4153+139.67X4154+212.78X4180+212.78X4181+212.78X4182+212.78X4183+212.78X4184+212.78X4185+184.27X4194+184.27X4195+184.27X4196+184.27X4197+184.27X4198+184.27X4199+139.67X4204+139.67X4205+139.67X4206+139.67X4207+139.67X4208+139.67X4209+388.96X4235+388.96X4236+388.96X4237+388.96X4238+388.96X4239+388.96X4240+212.78X4259+212.78X4260+212.78X4261+212.78X4262+212.78X4263+212.78X4264+293.27X4283+293.27X4284+293.27X4285+293.27X4286+293.27X4287+293.27X4288+293.27X4307+293.27X4308+293.27X4309+293.27X4310+293.27X4311+293.27X4312+293.27X4313+293.27X4332+293.27X4333+293.27X4334+293.27X4335+293.27X4336=0

VH7+212.78X4145+212.78X4146+212.78X4147+212.78X4148+184.27X4155+184.27X4156+184.27X4157+184.27X4158+212.78X4200+212.78X4201+212.78X4202+212.78X4203+184.27X4210+184.27X4211+184.27X4212+184.27X4213+275.81X4337+275.81X4338+275.81X4339+275.81X4340+275.81X4364+275.81X4365+275.81X4366+275.81X4367=0

VH8+139.67X4107+139.67X4108+139.67X4109+212.78X4159+212.78X4160+212.78X4161+139.67X4162+139.67X4163+139.67X4164+212.78X421+212.78X4215+212.78X4216+275.81X4217+275.81X4218+275.81X4219+139.67X4241+139.67X4242+139.67X4243+202.22X4265+202.22X4266+202.22X4267+202.22X4289+202.22X4290+202.22X4291+202.22X4313+202.22X4314+202.22X4315+341.82X4341+341.82X4342+341.82X4343+275.81X4347+275.81X4348+275.81X4349+341.82X4368+341.82X4369+341.82X4370+275.81X4374+275.81X4375+275.81X4376=0

VH9+184.27X4110+184.27X4111+184.27X4112+139.67X4116+139.67X4117+139.67X4118+139.67X4131+139.67X4132+139.67X4133+184.27X416+184.27X4166+184.27X4167+139.67X4171+139.67X4172+139.67X4173+139.67X4186+139.67X4187+139.67X4188+341.82X4220+341.82X4221+341.82X4222+275.81X4226+275.81X4227+275.81X4228+184.27X4244+184.27X4245+184.27X4246+139.67X4250+139.67X4251+139.67X4252+255.68X4268+255.68X4269+255.68X4270+202.22X4274+202.22X4275+202.22X4276+255.68X4292+255.68X4293+255.68X4294+202.22X4298+202.22X4299+202.22X4300+255.68X4316+255.68X4317+255.68X4318+202.22X4322+202.22X4323+202.22X4324+388.96X4344+388.96X4345+388.96X4346+341.82X4350+341.82X4351+341.82X4352+275.81X4356+275.81X4357+275.81X4358+388.96X4371+388.96X4372+388.96X4373+341.82X4377+341.82X4378+341.82X4379+275.81X4383+275.81X4384+275.81X4385=0

VH10+212.78X4113+212.78X4114+212.78X4115+184.27X4119+184.27X4120+184.27X4121+139.67X4125+139.67X4126+139.67X4127+184.27X4134+184.27X4135+184.27X4136+139.67X4139+139.67X4140+139.67X4141+139.67X4149+139.67X4150+139.67X4151+212.78X4168+212.78X4169+212.78X4170+184.27X4174+184.27X4175+184.27X4176+139.67X4180+139.67X4181+139.67X4182+184.27X4189+184.27X4190+184.27X4191+139.67X4194+139.67X4195+139.67X4196+139.67X4204+139.67X4205+139.67X4206+388.96X4223+388.96X4224+388.96X4225+341.82X4229+341.82X4230+341.82X4231+275.81X4235+275.81X4236+275.81X4237+212.78X4247+212.78X4248+212.78X4249+184.27X4253+184.27X4254+184.27

7490.39X4975+8232.14X4976+7562.02X4977+8577.8X4978+8299.41X4979+7577.02X4980+7490.14X4981+7147.99X4982+7570.62X4983+7536.37
X4984+7477.42X4985+7223.58X4986+7455.1X4987+8196.85X4988+7672.22X4989+7637.98X4990+7579.02X4991+7713.9X4992+7945.42X4993+8
687.17X4994+7650.33X4995+8666.11X4996+8666.11X4997+7319X4998+7550.52X4999+8292.27X5000+7622.15X5001+8637.93X5002+8359.54X5
003+6547.34X5004+6513.1X5005+6454.14X5006+6589.02X5007+6820.54X5008+7562.29X5009+6525.45X5010+7541.23X5011+6684.87X5012+69
16.39X5013+7658.14X5014+6988.02X5015+8003.8X5016+7725.41X5017+6615.47X5018+7631.25X5019+7698.82X5020+7285.57X5021+7577.02X5
022+7490.14X5023+7147.99X5024+7570.62X5025+7536.37X5026+7477.42X5027+7223.58X5028+7455.1X5029+8196.85X5030+7672.22X5031+76
37.98X5032+7579.02X5033+7713.9X5034+7945.42X5035+8687.17X5036+7650.33X5037+8666.11X5038+8666.11X5039+7319X5040+7550.52X504
1+8292.27X5042+7622.15X5043+8637.93X5044+8359.54X5045+6547.34X5046+6513.1X5047+6454.14X5048+6589.02X5049+6820.54X5050+7562.
29X5051+6525.45X5052+7541.23X5053+6684.87X5054+6916.39X5055+7658.14X5056+6988.02X5057+8003.8X5058+7725.41X5059+6615.47X506
0+7631.25X5061+7698.82X5062+7285.57X5063

ST

X4956+X4957+X4958+X4959+X4960+X4961+X4962+X4963+X4964+X4965+X4966+X4967+X4968+X4969+X4970+X4971+X4972+X4973+X4974+X
4975+X4976+X4977+X4978+X4979=26
X4980+X4981+X4982+X4983+X4984+X4985+X4986+X4987+X4988+X4989+X4990+X4991+X4992+X4993+X4994+X4995+X4996+X4997+X4998+X
4999+X5000+X5001+X5002+X5003+X5004+X5005+X5006+X5007+X5008+X5009+X5010+X5011+X5012+X5013+X5014+X5015+X5016+X5017+X5
018+X5019+X5020+X5021=22
X5022+X5023+X5024+X5025+X5026+X5027+X5028+X5029+X5030+X5031+X5032+X5033+X5034+X5035+X5036+X5037+X5038+X5039+X5040+X
5041+X5042+X5043+X5044+X5045+X5046+X5047+X5048+X5049+X5050+X5051+X5052+X5053+X5054+X5055+X5056+X5057+X5058+X5059+X5
060+X5061+X5062+X5063=19.5

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VH0+293.27X4956+293.27X4957+293.27X4958+293.27X4959+293.27X4960+293.27X4961+293.27X4962+293.27X4963+293.27X4964+293.27X496
5+293.27X4966+293.27X4967+293.27X4968+293.27X4969+293.27X4970+293.27X4971+293.27X4972+293.27X4973+293.27X4974+293.27X4975+
293.27X4976+293.27X4977+293.27X4978+293.27X4979+255.68X4980+255.68X4981+255.68X4982+255.68X4983+255.68X4984+255.68X4985+25
5.68X4986+255.68X4987+255.68X4988+255.68X4989+255.68X4990+255.68X4991+255.68X4992+255.68X4993+255.68X4994+255.68X4995+255.6
8X4996+255.68X4997+255.68X4998+255.68X4999+255.68X5000+255.68X5001+255.68X5002+255.68X5003+255.68X5004+255.68X5005+255.68X
5006+255.68X5007+255.68X5008+255.68X5009+255.68X5010+255.68X5011+255.68X5012+255.68X5013+255.68X5014+255.68X5015+255.68X
5016+255.68X5017+255.68X5018+255.68X5019+255.68X5020+255.68X5021+255.68X5022+255.68X5023+255.68X5024+255.68X5025+255.68X
5026+255.68X5027+255.68X5028+255.68X5029+255.68X5030+255.68X5031+255.68X5032+255.68X5033+255.68X5034+255.68X5035+255.68X
5036+255.68X5037+255.68X5038+255.68X5039+255.68X5040+255.68X5041+255.68X5042+255.68X5043+255.68X5044+255.68X5045=0

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VH1+293.27X5004+293.27X5005+293.27X5006+293.27X5007+293.27X5008+293.27X5009+293.27X5010+293.27X5011+293.27X5012+293.27X501
3+293.27X5014+293.27X5015+293.27X5016+293.27X5017+293.27X5018+293.27X5019+293.27X5020+293.27X5021+293.27X5022+293.27X5023+293.
27X5024+293.27X5025+293.27X5026+293.27X5027+293.27X5028+293.27X5029+293.27X5030+293.27X5031+293.27X5032+293.27X5033+293.27X5034+293.
27X5035+293.27X5036+293.27X5037+293.27X5038+293.27X5039+293.27X5040+293.27X5041+293.27X5042+293.27X5043+293.27X5044+293.27X5045+
293.27X5046+293.27X5047+293.27X5048+293.27X5049+293.27X5050+293.27X5051+293.27X5052+293.27X5053+293.27X5054+293.27X5055+293.27X5056+293.27X5057+29
3.27X5058+293.27X5059+293.27X5060+293.27X5061+293.27X5062+293.27X5063=0

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VH4+202.22X4956+202.22X4957+202.22X4958+202.22X4959+202.22X4960+202.22X4961+202.22X4962+202.22X4963+202.22X4964+202.22X498
0+202.22X4981+202.22X4982+202.22X4983+202.22X4984+202.22X4985+202.22X4986+202.22X4987+202.22X4988+202.22X5022+202.22X5023+
202.22X5024+202.22X5025+202.22X5026+202.22X5027+202.22X5028+202.22X5029+202.22X5030=0

-
VH5+255.68X4965+255.68X4966+255.68X4967+255.68X4968+255.68X4969+255.68X4970+255.68X4971+255.68X4972+255.68X4973+255.68X498
9+255.68X4990+255.68X4991+255.68X4992+255.68X4993+255.68X4994+255.68X4995+255.68X4996+255.68X4997+202.22X5004+202.22X5005+
202.22X5006+202.22X5007+202.22X5008+202.22X5009+202.22X5010+202.22X5011+255.68X5031+255.68X5032+255.68X5033+255.68X5034+25
5.68X5035+255.68X5036+255.68X5037+255.68X5038+255.68X5039+202.22X5046+202.22X5047+202.22X5048+202.22X5049+202.22X5050+202.2
2X5051+202.22X5052+202.22X5053=0

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VH6+293.27X4974+293.27X4975+293.27X4976+293.27X4977+293.27X4978+293.27X4979+293.27X4998+293.27X4999+293.27X5000+293.27X500
1+293.27X5002+293.27X5003+255.68X5012+255.68X5013+255.68X5014+255.68X5015+255.68X5016+255.68X5017+293.27X5040+293.27X5041+
293.27X5042+293.27X5043+293.27X5044+293.27X5045+255.68X5054+255.68X5055+255.68X5056+255.68X5057+255.68X5058+255.68X5059=0
-VH7+293.27X5018+293.27X5019+293.27X5020+293.27X5021+293.27X5060+293.27X5061+293.27X5062+293.27X5063=0

-VH8+202.22X4956+202.22X4957+202.22X4958+202.22X4980+202.22X4981+202.22X4982+202.22X5022+202.22X5023+202.22X5024=0

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VH9+255.68X4959+255.68X4960+255.68X4961+202.22X4965+202.22X4966+202.22X4967+255.68X4983+255.68X4984+255.68X4985+202.22X498
9+202.22X4990+202.22X4991+202.22X5004+202.22X5005+202.22X5006+255.68X5025+255.68X5026+255.68X5027+202.22X5031+202.22X5032+
202.22X5033+202.22X5046+202.22X5047+202.22X5048=0

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VH10+293.27X4962+293.27X4963+293.27X4964+255.68X4968+255.68X4969+255.68X4970+202.22X4974+202.22X4975+202.22X4976+293.27X49
86+293.27X4987+293.27X4988+255.68X4992+255.68X4993+255.68X4994+202.22X4998+202.22X4999+202.22X5000+255.68X5007+255.68X5008
+255.68X5009+202.22X5012+202.22X5013+202.22X5014+293.27X5028+293.27X5029+293.27X5030+255.68X5034+255.68X5035+255.68X5036+2
02.22X5040+202.22X5041+202.22X5042+255.68X5049+255.68X5050+255.68X5051+202.22X5054+202.22X5055+202.22X5056=0

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VH11+293.27X4971+293.27X4972+293.27X4973+255.68X4977+255.68X4978+293.27X4995+293.27X4996+293.27X4997+255.68X5001+255.68X50
02+293.27X5010+293.27X5011+255.68X5015+255.68X5016+202.22X5018+202.22X5019+293.27X5037+293.27X5038+293.27X5039+255.68X5043
+255.68X5044+293.27X5052+293.27X5053+255.68X5057+255.68X5058+202.22X5060+202.22X5061=0

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VH12+202.22X4956+293.27X4979+202.22X4980+293.27X5003+293.27X5017+255.68X5020+202.22X5022+293.27X5045+293.27X5059+255.68X50
62=0

-
VH13+255.68X4957+202.22X4959+202.22X4965+255.68X4981+202.22X4983+202.22X4989+202.22X5004+293.27X5021+255.68X5023+202.22X50
25+202.22X5031+202.22X5046+293.27X5063=0

-
VH14+293.27X4958+255.68X4960+202.22X4962+255.68X4966+202.22X4968+202.22X4974+293.27X4982+255.68X4984+202.22X4986+255.68X49

90+202.22X4992+202.22X4998+255.68X5005+202.22X5007+202.22X5012+293.27X5024+255.68X5026+202.22X5028+255.68X5032+202.22X5034
+202.22X5040+255.68X5047+202.22X5049+202.22X5054=0

-
VH15+293.27X4961+255.68X4963+293.27X4967+255.68X4969+202.22X4971+255.68X4975+202.22X4977+293.27X4985+255.68X4987+293.27X49
91+255.68X4993+202.22X4995+255.68X4999+202.22X5001+293.27X5006+255.68X5008+202.22X5010+255.68X5013+202.22X5015+202.22X5018
+293.27X5027+255.68X5029+293.27X5033+255.68X5035+202.22X5037+255.68X5041+202.22X5043+293.27X5048+255.68X5050+202.22X5052+2
55.68X5055+202.22X5057+202.22X5060=0

-
VH16+202.22X4956+293.27X4964+293.27X4970+255.68X4972+255.68X4973+293.27X4976+255.68X4978+202.22X4979+202.22X4980+293.27X49
88+293.27X4994+255.68X4996+255.68X4997+293.27X5000+255.68X5002+202.22X5003+293.27X5009+255.68X5011+293.27X5014+255.68X5016
+202.22X5017+255.68X5019+202.22X5020+202.22X5022+293.27X5030+293.27X5036+255.68X5038+255.68X5039+293.27X5042+255.68X5044+2
02.22X5045+293.27X5051+255.68X5053+293.27X5056+255.68X5058+202.22X5059+255.68X5061+202.22X5062=0

X4956+X4957+X4958+X4959+X4960+X4961+X4962+X4963+X4964+X4965+X4966+X4967+X4968+X4969+X4970+X4971+X4972+X4973+X4974+X
4975+X4976+X4977+X4978+X4979+X4980+X4981+X4982+X4983+X4984+X4985+X4986+X4987+X4988+X4989+X4990+X4991+X4992+X4993+X4
994+X4995+X4996+X4997+X4998+X4999+X5000+X5001+X5002+X5003+X5022+X5023+X5024+X5025+X5026+X5027+X5028+X5029+X5030+X50
31+X5032+X5033+X5034+X5035+X5036+X5037+X5038+X5039+X5040+X5041+X5042+X5043+X5044+X5045=13.5

X5004+X5005+X5006+X5007+X5008+X5009+X5010+X5011+X5012+X5013+X5014+X5015+X5016+X5017+X5018+X5019+X5020+X5021+X5046+X
5047+X5048+X5049+X5050+X5051+X5052+X5053+X5054+X5055+X5056+X5057+X5058+X5059+X5060+X5061+X5062+X5063=13.5

X4956+X4957+X4958+X4959+X4960+X4961+X4962+X4963+X4964+X4980+X4981+X4982+X4983+X4984+X4985+X4986+X4987+X4988+X5022+X
5023+X5024+X5025+X5026+X5027+X5028+X5029+X5030=13.5

X4965+X4966+X4967+X4968+X4969+X4970+X4971+X4972+X4973+X4989+X4990+X4991+X4992+X4993+X4994+X4995+X4996+X4997+X5004+X
5005+X5006+X5007+X5008+X5009+X5010+X5011+X5031+X5032+X5033+X5034+X5035+X5036+X5037+X5038+X5039+X5046+X5047+X5048+X5
049+X5050+X5051+X5052+X5053=13.5

X4974+X4975+X4976+X4977+X4978+X4979+X4998+X4999+X5000+X5001+X5002+X5003+X5012+X5013+X5014+X5015+X5016+X5017+X5040+X
5041+X5042+X5043+X5044+X5045+X5054+X5055+X5056+X5057+X5058+X5059=13.5

X5018+X5019+X5020+X5021+X5060+X5061+X5062+X5063=13.5

X4956+X4957+X4958+X4980+X4981+X4982+X5022+X5023+X5024=13.5

X4959+X4960+X4961+X4965+X4966+X4967+X4983+X4984+X4985+X4989+X4990+X4991+X5004+X5005+X5006+X5025+X5026+X5027+X5031+X
5032+X5033+X5046+X5047+X5048=13.5

X4962+X4963+X4964+X4968+X4969+X4970+X4974+X4975+X4976+X4986+X4987+X4988+X4992+X4993+X4994+X4998+X4999+X5000+X5007+X
5008+X5009+X5012+X5013+X5014+X5028+X5029+X5030+X5034+X5035+X5036+X5040+X5041+X5042+X5049+X5050+X5051+X5054+X5055+X5
056=13.5

X4971+X4972+X4973+X4977+X4978+X4995+X4996+X4997+X5001+X5002+X5010+X5011+X5015+X5016+X5018+X5019+X5037+X5038+X5039+X
5043+X5044+X5052+X5053+X5057+X5058+X5060+X5061=13.5

X4956+X4979+X4980+X5003+X5017+X5020+X5022+X5045+X5059+X5062=13.5

X4957+X4959+X4965+X4981+X4983+X4989+X5004+X5021+X5023+X5025+X5031+X5046+X5063=13.5

X4958+X4960+X4962+X4966+X4968+X4974+X4982+X4984+X4986+X4990+X4992+X4998+X5005+X5007+X5012+X5024+X5026+X5028+X5032+X
5034+X5040+X5047+X5049+X5054=13.5

X4961+X4963+X4967+X4969+X4971+X4975+X4977+X4985+X4987+X4991+X4993+X4995+X4999+X5001+X5006+X5008+X5010+X5013+X5015+X
5018+X5027+X5029+X5033+X5035+X5037+X5041+X5043+X5048+X5050+X5052+X5055+X5057+X5060=13.5

X4956+X4964+X4970+X4972+X4973+X4976+X4978+X4979+X4980+X4988+X4994+X4996+X4997+X5000+X5002+X5003+X5009+X5011+X5014+X
5016+X5017+X5019+X5020+X5022+X5030+X5036+X5038+X5039+X5042+X5044+X5045+X5051+X5053+X5056+X5058+X5059+X5061+X5062=13.
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