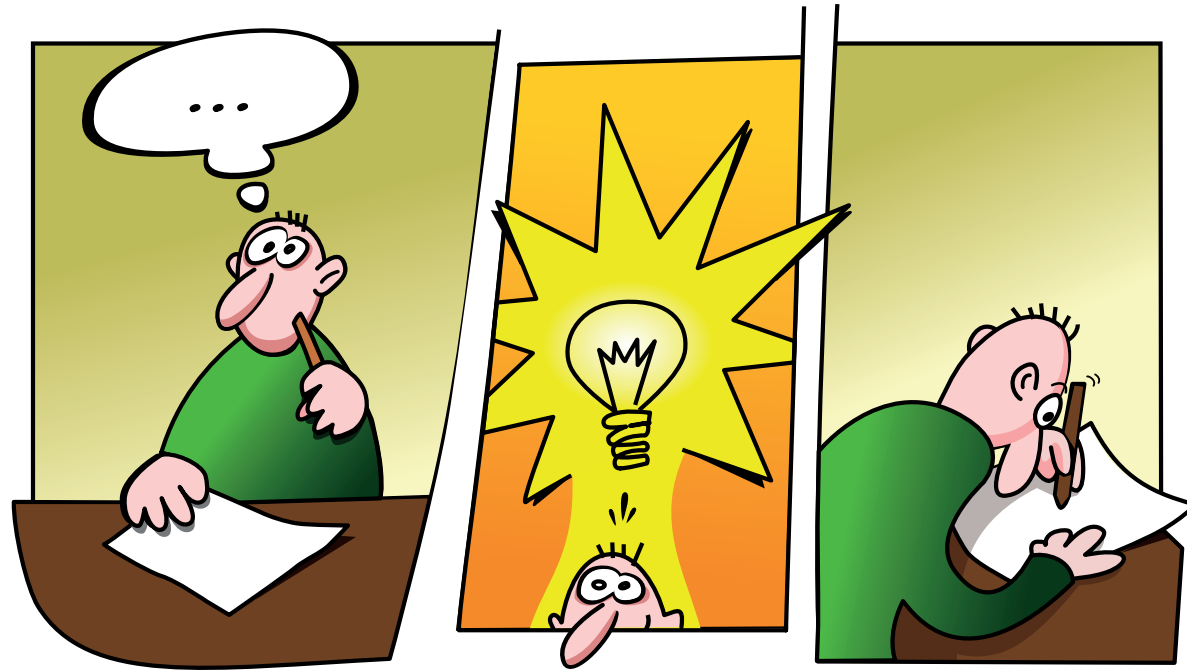


Tankenötter

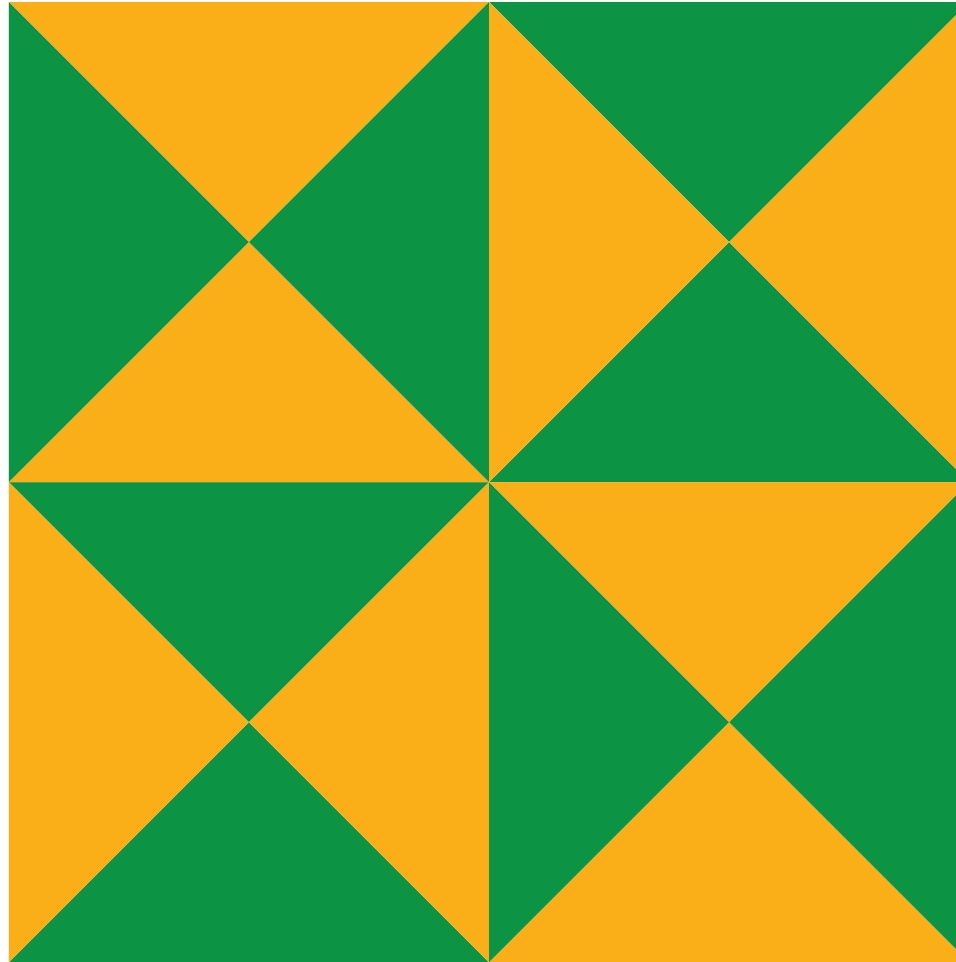
1



Uppgifter och lösningar

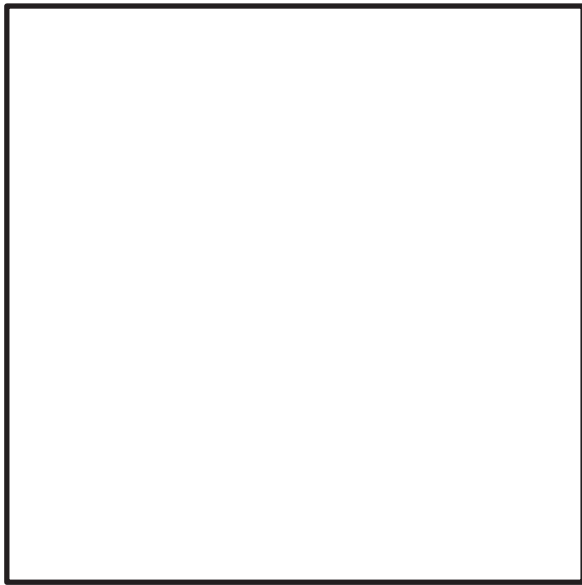
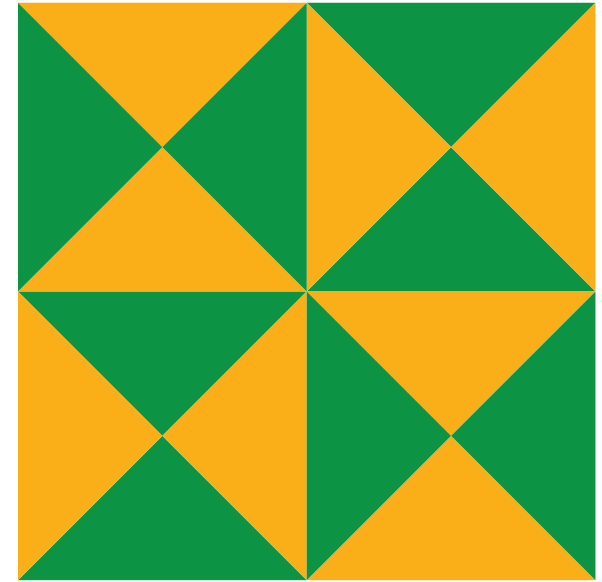
1.

Hur många kvadrater finns det i figuren?

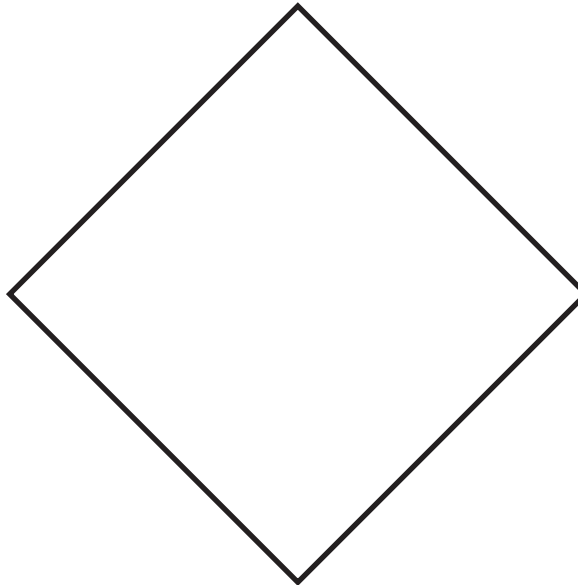


1.

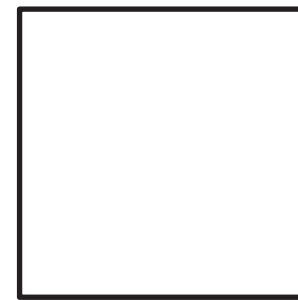
Lösning: 10 kvadrater



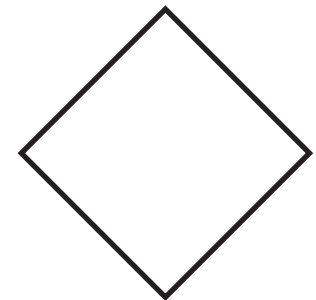
1x



1x



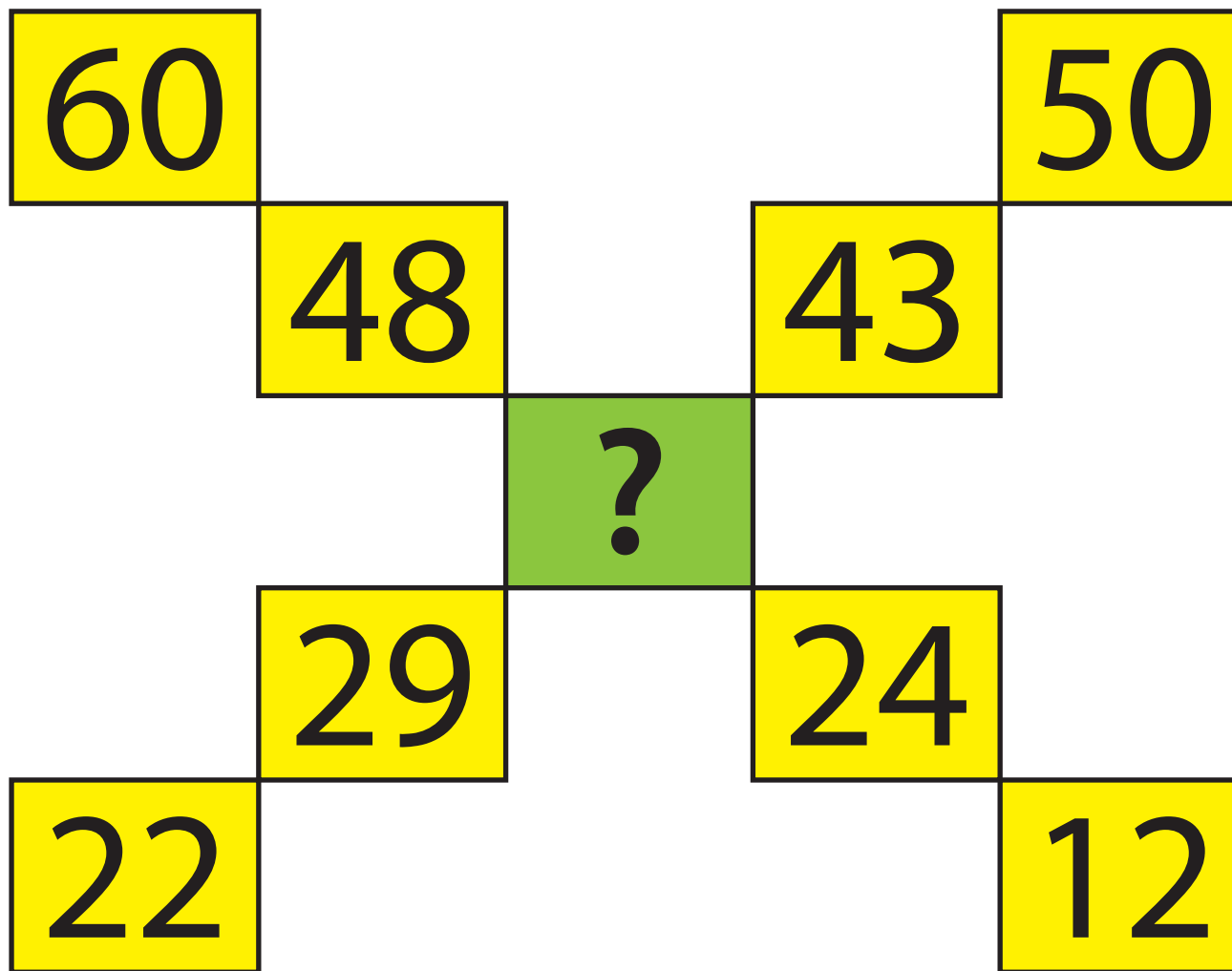
4x



4x

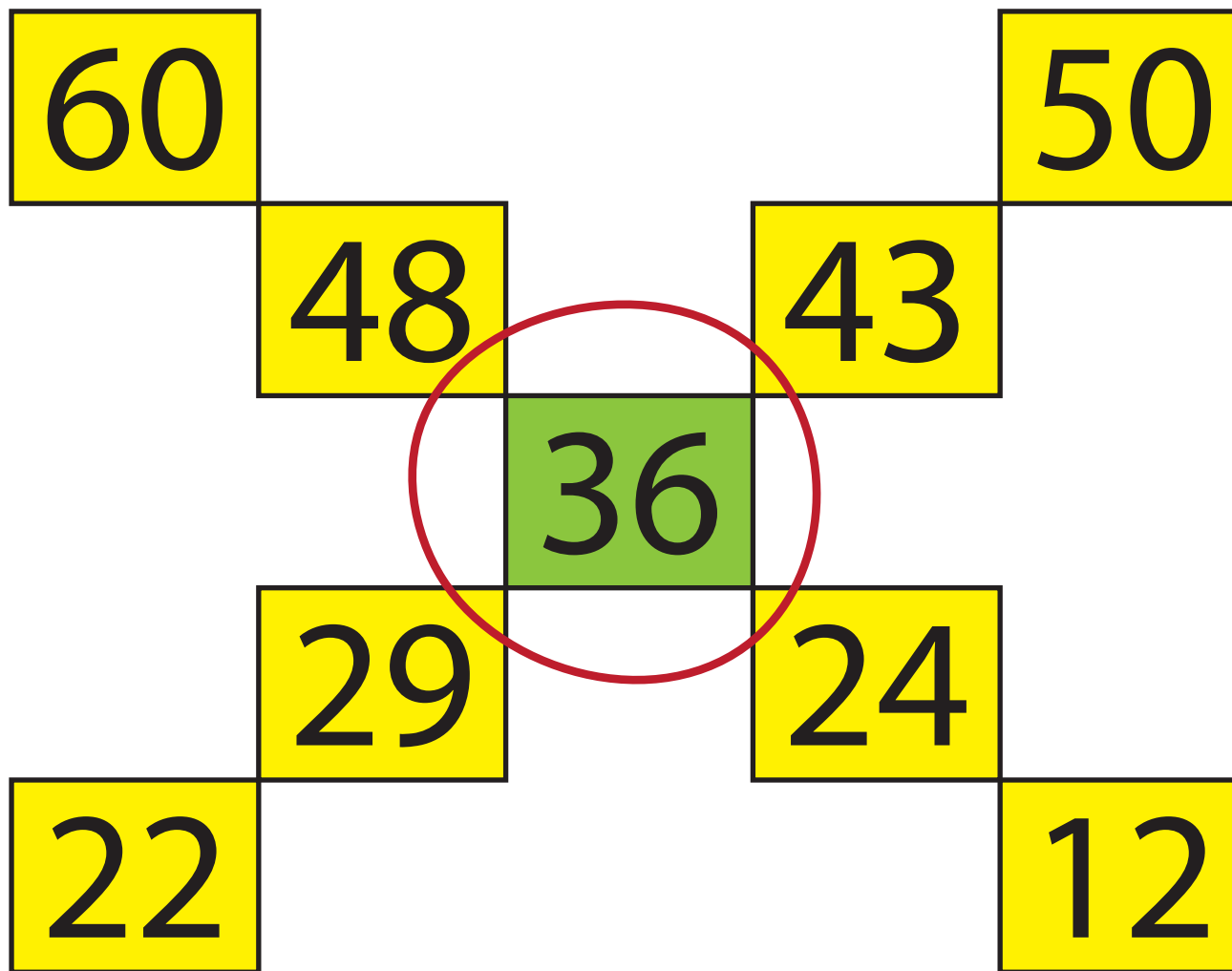
2.

Vilket tal passar in i den gröna rutan?




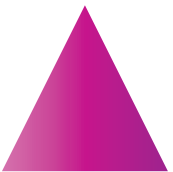
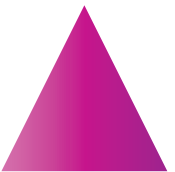


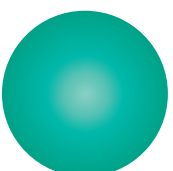
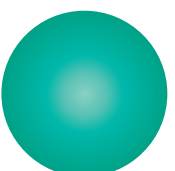
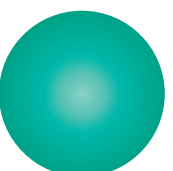
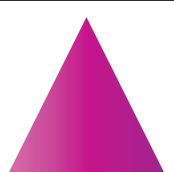
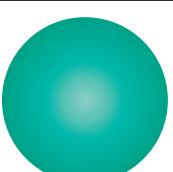






2.

Lösning: 36



3.

Vilka tal motsvarar figurerna?

17

15

17

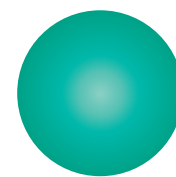
17

16

14

16

20



=

?



=

?

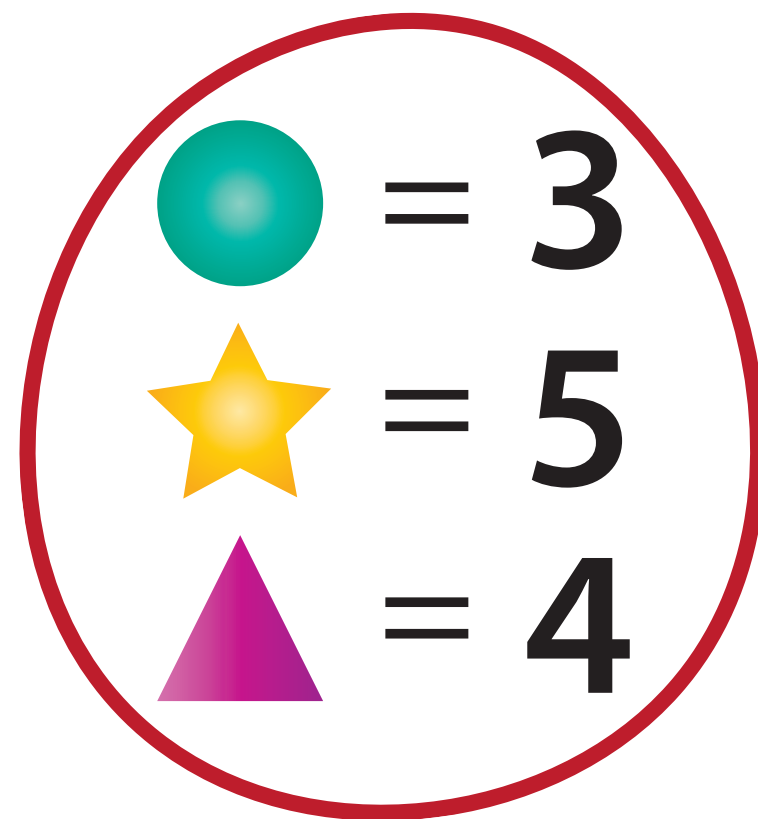
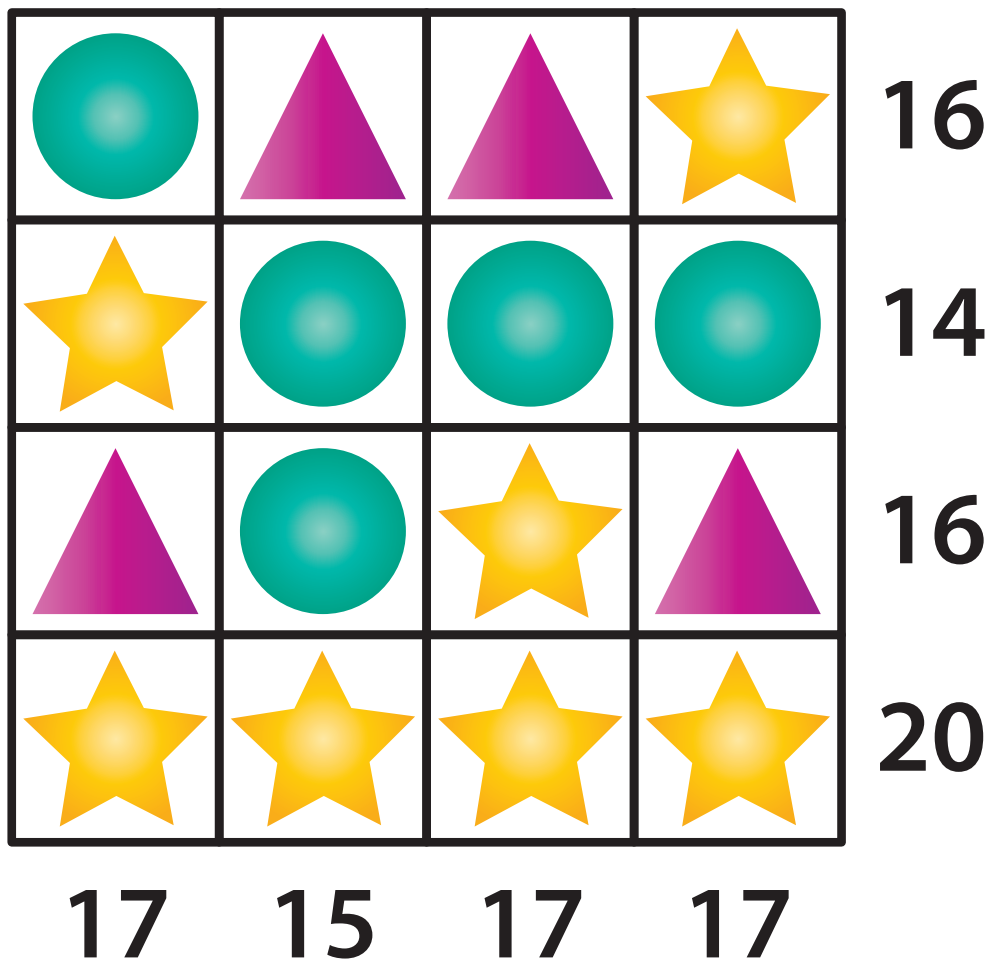


=

?

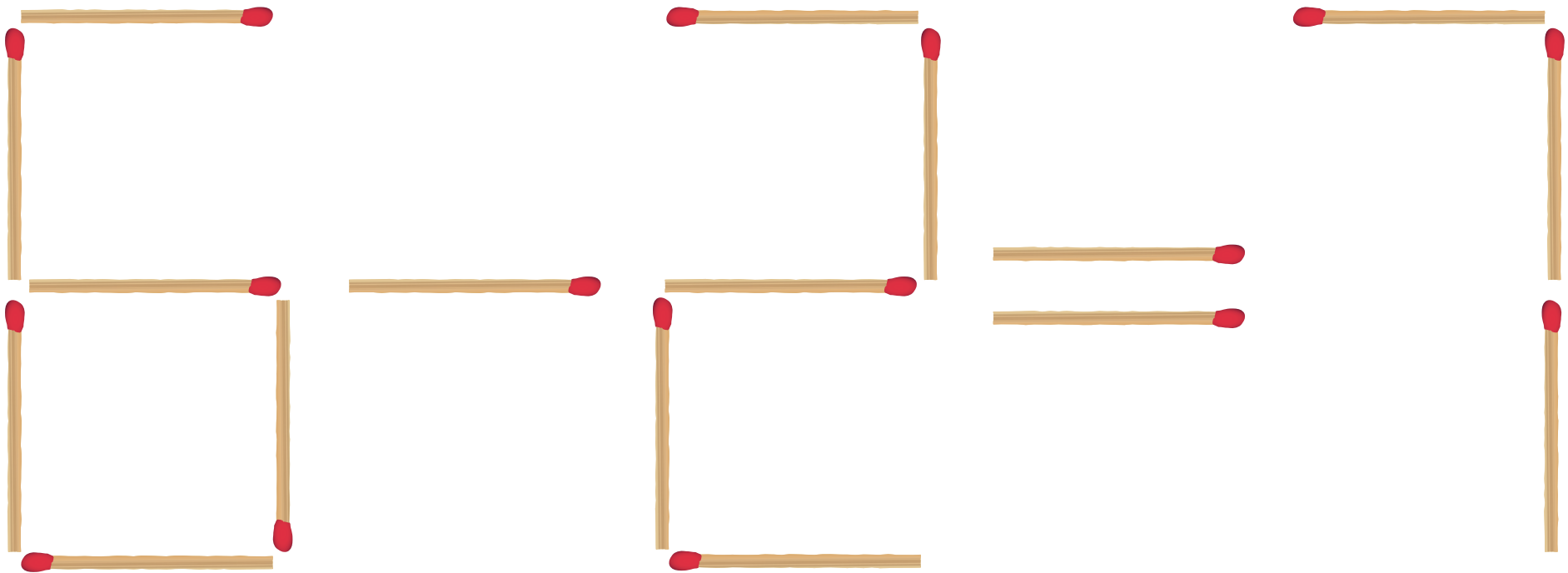
3.

Lösning



4.

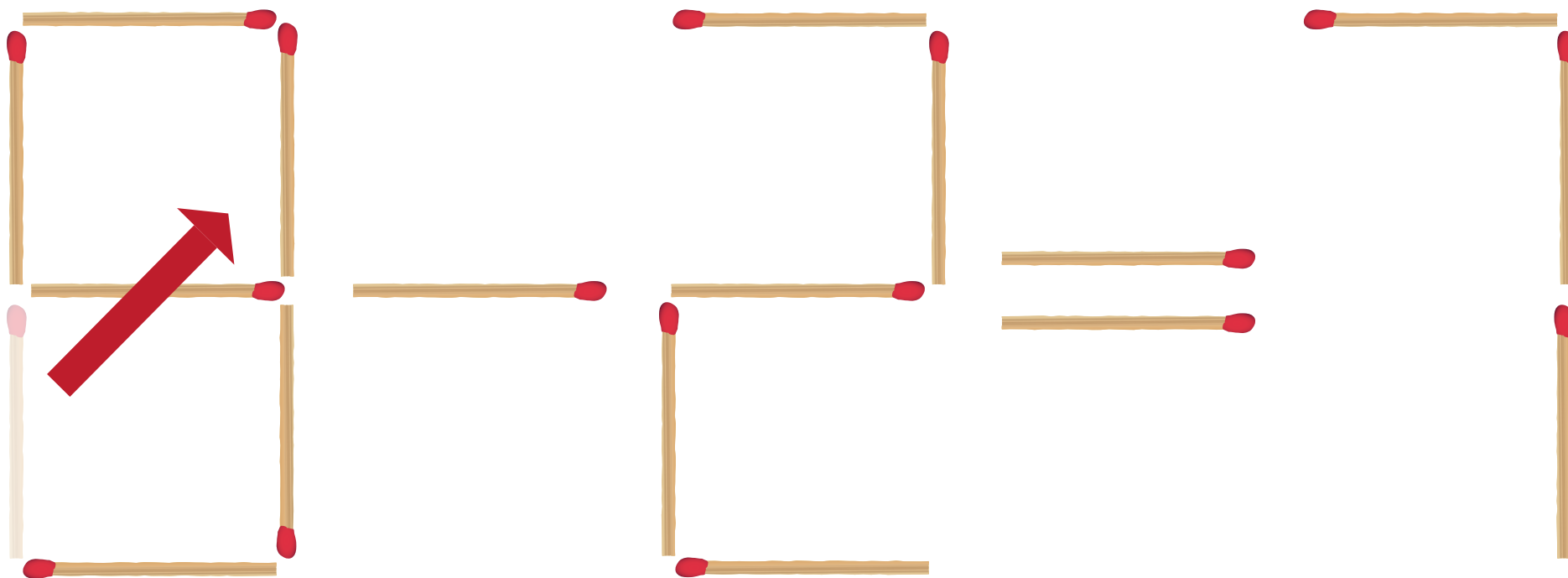
Vilken sticka ska du flytta på
för att uträkningen ska stämma?



4.

ALTERNATIV 1

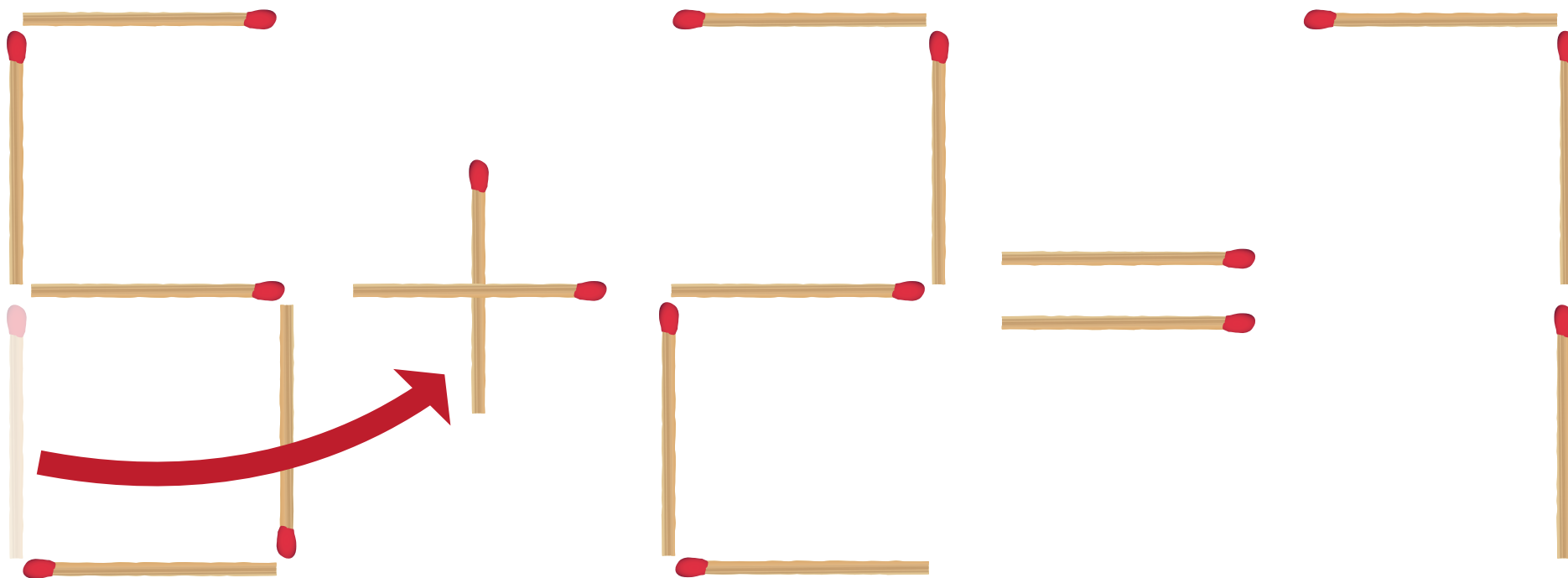
Lösning: $9-2=7$



4.

ALTERNATIV 2

Lösning: $5+2=7$



5.

Vilka tal passar i de gula rutorna?

$$\square + \square = 12$$

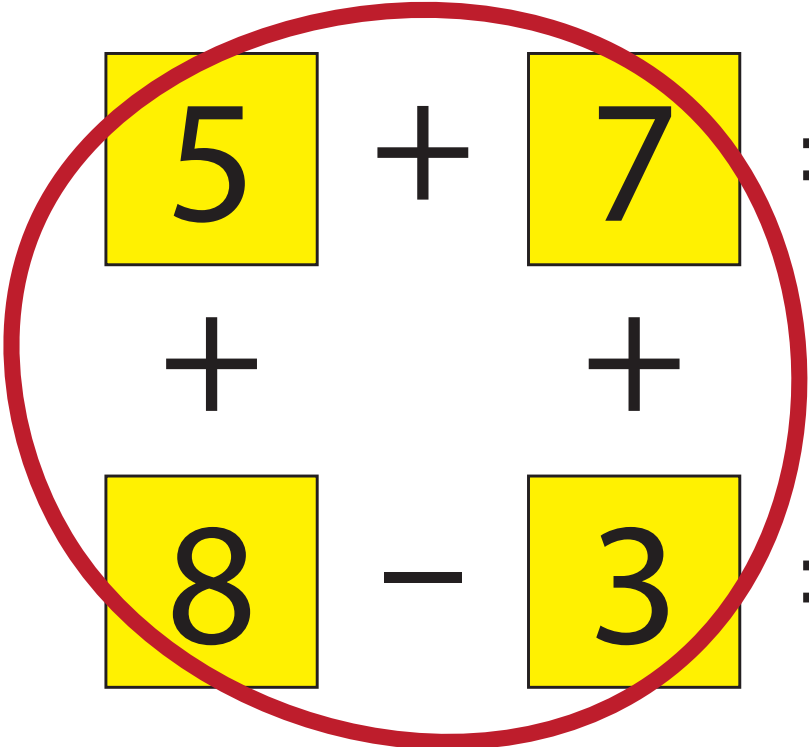
+ +

$$\square - \square = 5$$

= =
13 10

5.

Lösning


$$\begin{array}{rcccl} \boxed{5} & + & \boxed{7} & = & 12 \\ + & & + & & \\ \boxed{8} & - & \boxed{3} & = & 5 \\ = & & = & & \\ 13 & & 10 & & \end{array}$$

6.

Tänk på ett tal.

Multiplitera talet med två.

Addera tio.

Halvera talet.

**Subtrahera nu talet du tänkte på
i början från talet.**

Vilket tal får du som svar?

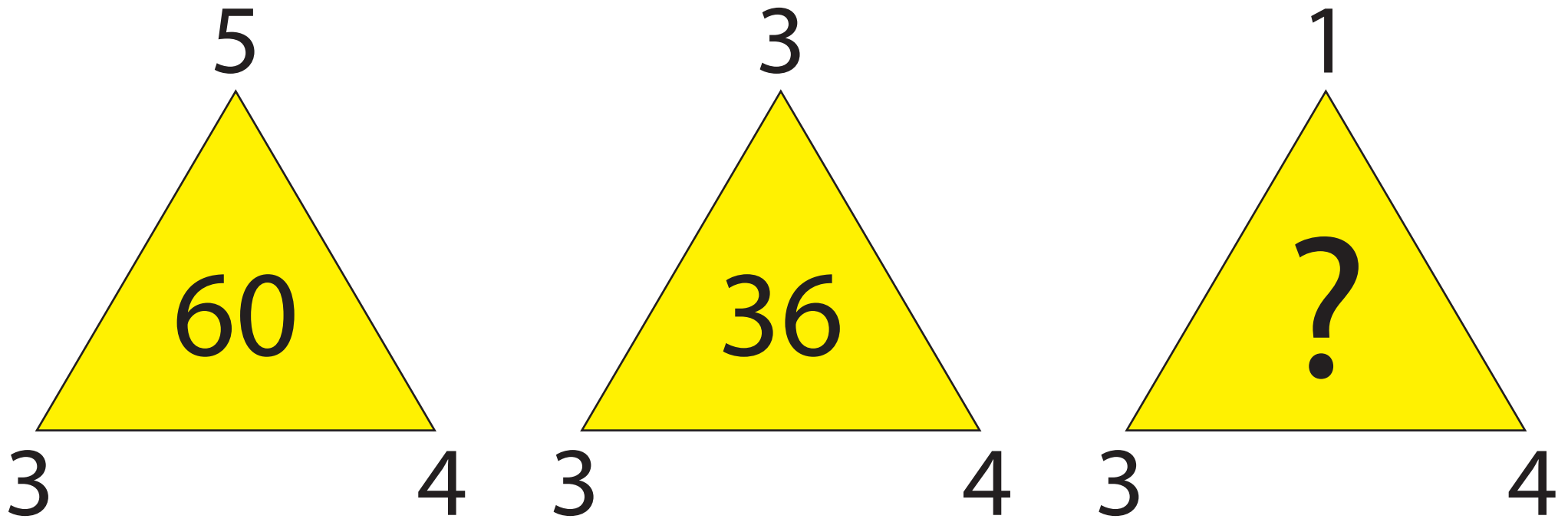
6.

Lösning



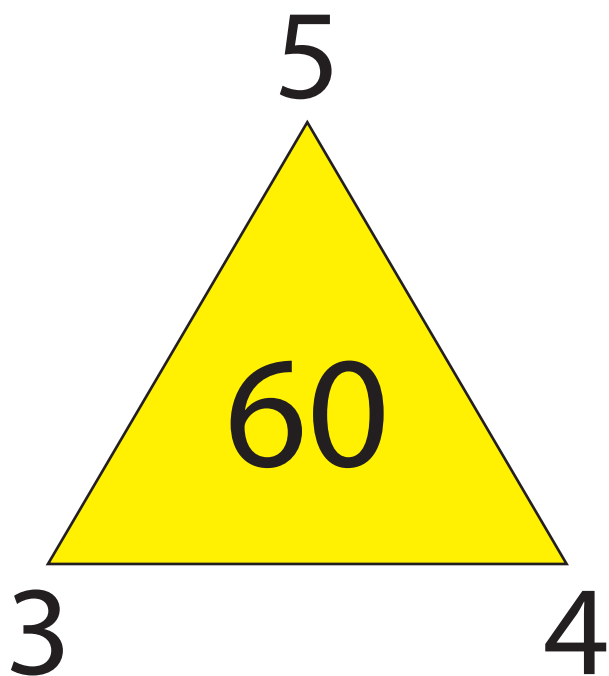
7.

Vilket tal kan du ersätta
frågetecknet med?

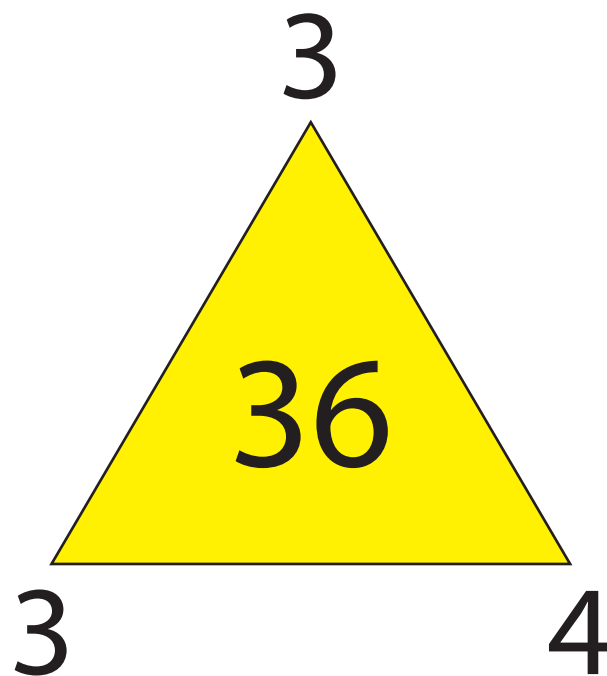


7.

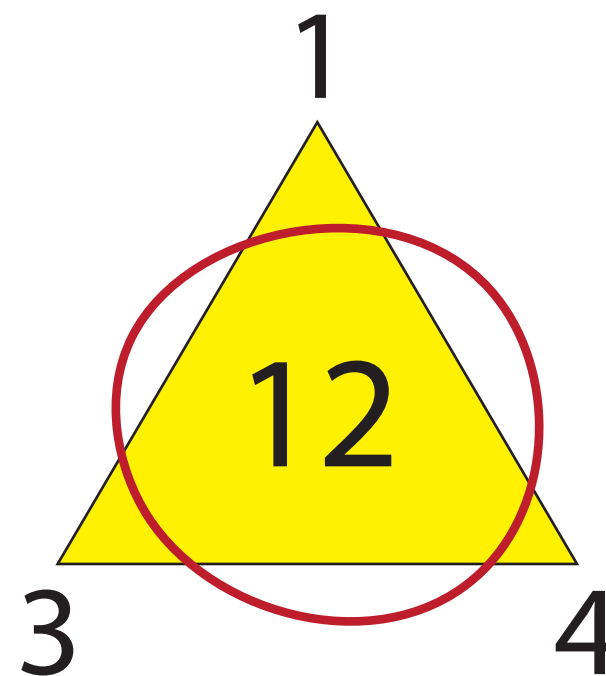
Lösning: 12



$$5 \times 4 \times 3 = 60$$



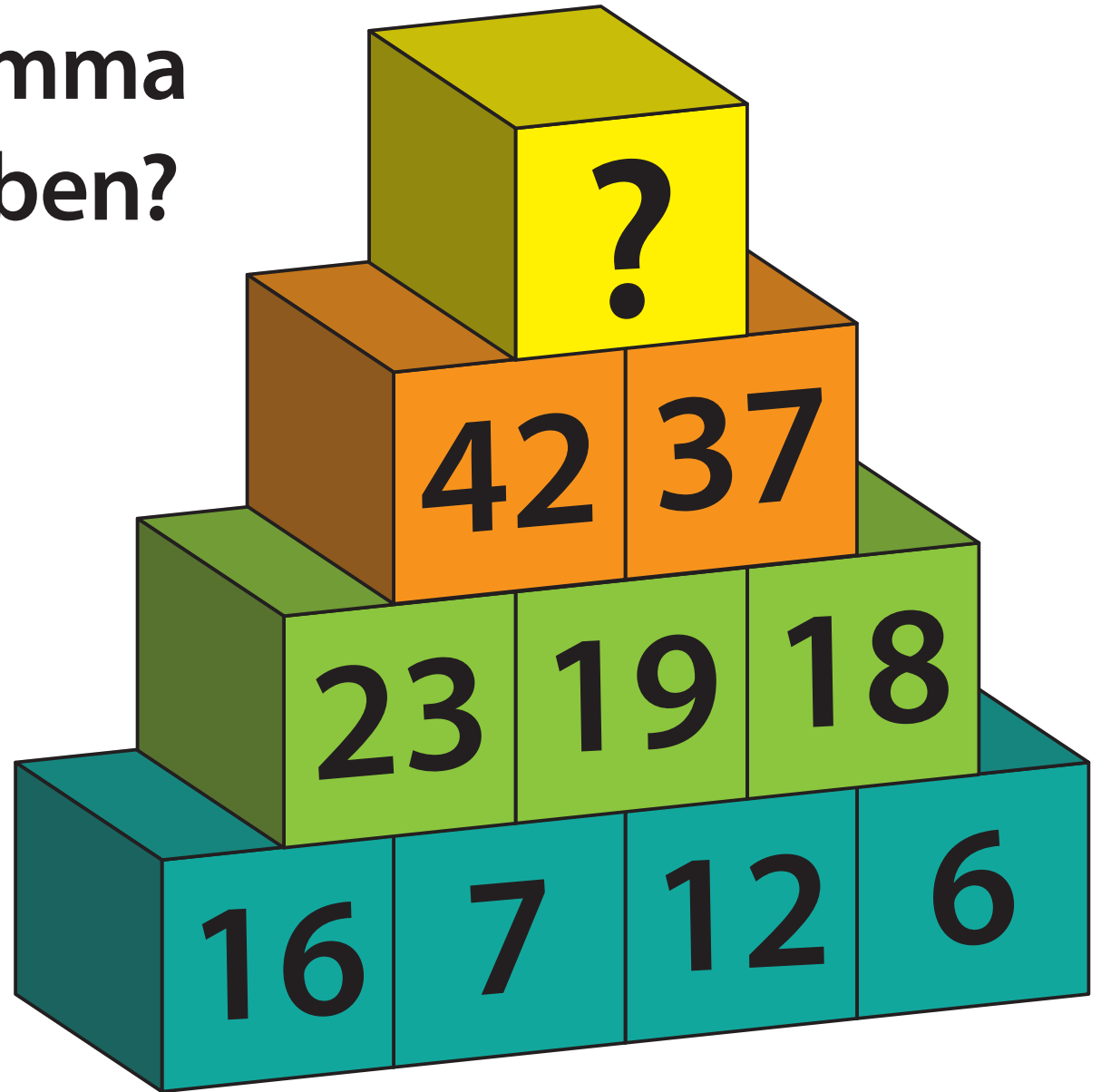
$$3 \times 4 \times 3 = 36$$



$$1 \times 4 \times 3 = 12$$

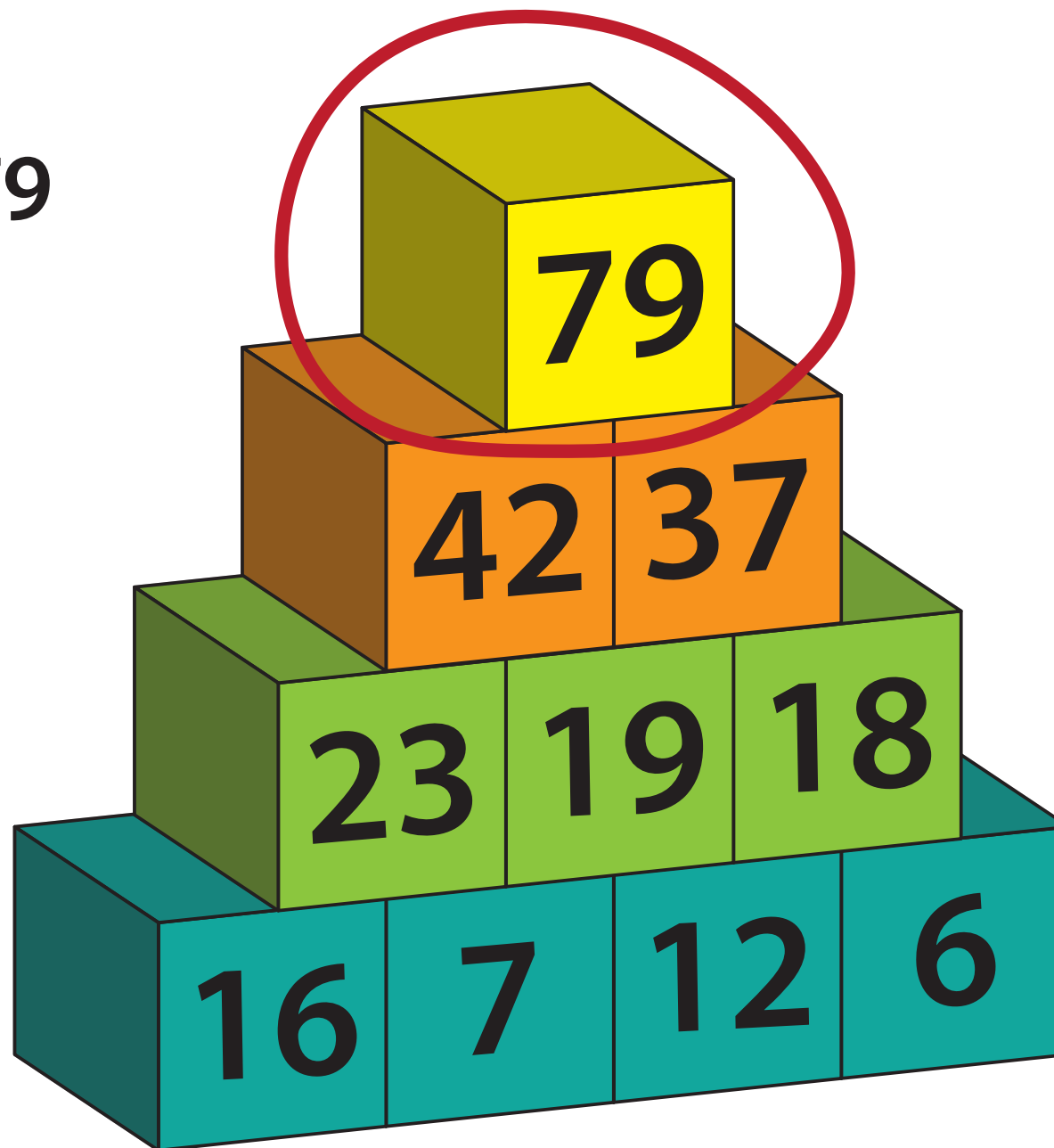
8.

Vilket tal hör hemma
i den översta kuben?



8.

Lösning: 79



9.

I vilka rutor ska du
sätta in talen
2, 5, 7, 1, 3, 2
för att uträkningen
ska stämma?

$$\begin{array}{r} \\ \\ \hline \end{array}$$

ALTERNATIV 1

Lösning

$$\begin{array}{r} 37 \\ - 25 \\ \hline 12 \end{array}$$

ALTERNATIV 2

Andra lösningar

$$73 - 51 = 22$$

$$73 - 22 = 51$$

$$73 - 21 = 52$$

$$37 - 22 = 15$$

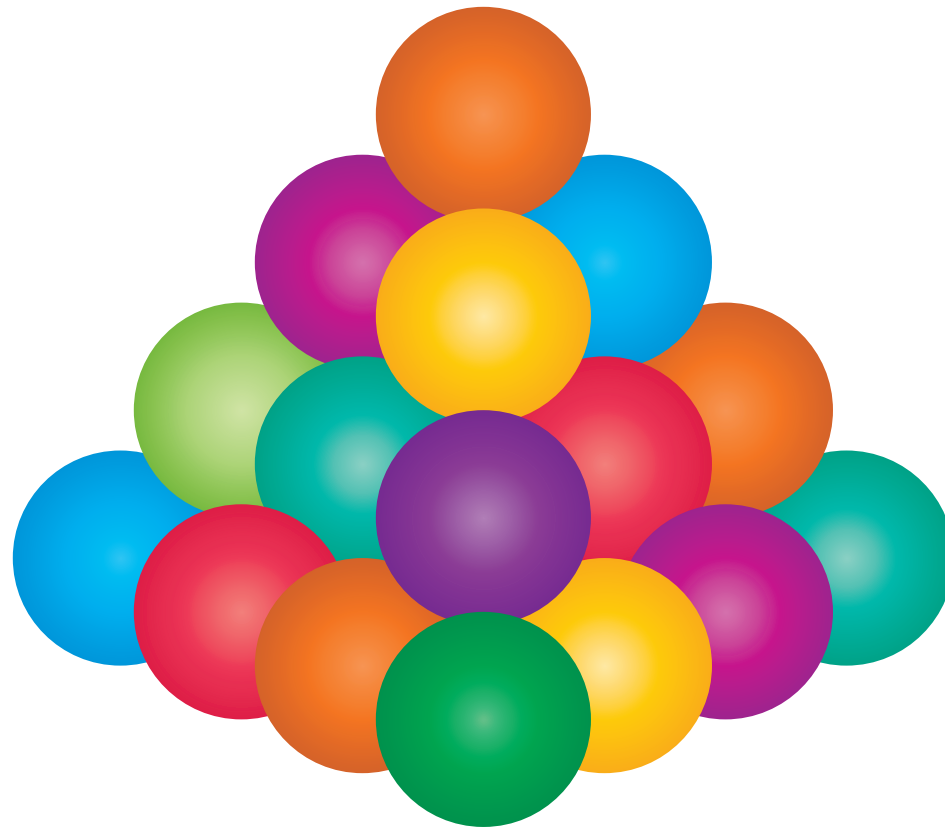
$$37 - 15 = 22$$

$$37 - 12 = 25$$

$$\begin{array}{r} 73 \\ - 52 \\ \hline 21 \end{array}$$

10.

Hur många bollar finns det i högen?



Lösning: 30 bollar

