

1 Fill in the missing numbers.

100 less than 20,000 is

19,900

600

more than 20,000 is 20,600

2



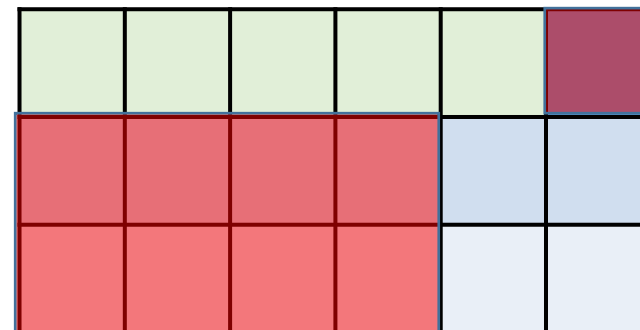
25% of my  
number is 24

What number is Teddy thinking of?

$$24 \times 4 = 96$$

Teddy is thinking of 96

3 Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{7}{9}$  of the rectangle is now shaded.

How many more squares did Lucy shade?

Lucy shades 9 more squares.

- 1 Ron and Eva each make a 3-digit number from these digit cards.



- Ron makes the largest even number possible. **836**
- Eva makes the smallest odd number possible. **683**

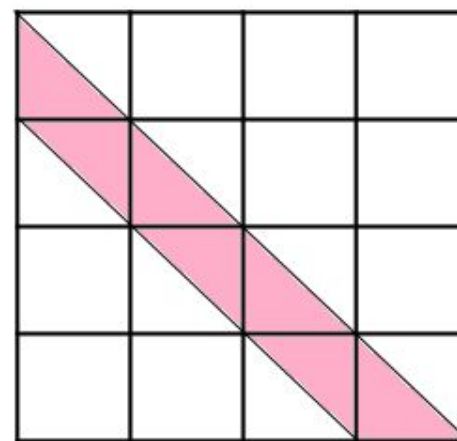
What is the difference between their numbers?

$$836 - 683 = 153$$

- 2 Circle all the fractions that are greater than 1 but less than 2

$$\frac{12}{5} \quad \frac{12}{6} \quad \frac{12}{7} \quad \frac{12}{8}$$

- 3 What fraction of this shape is shaded?



$$\frac{7}{32}$$

- 1 Which of these numbers round to 2,000 to the nearest 100?

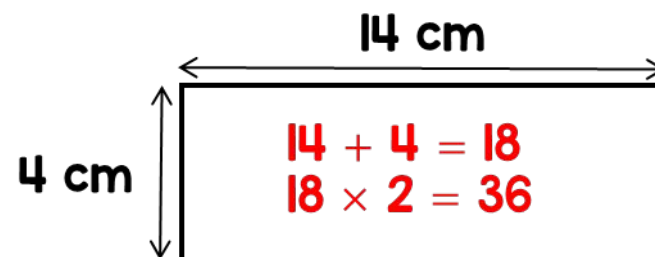
1,950    2,312    2,099    2,045

- 2 What are the missing numbers?

6.4    1    5.4

$3\frac{2}{5}$     1     $\frac{12}{5}$

- 3 Annie has a 1 metre piece of wire. She cuts the wire into two pieces. She uses the smaller piece to make this rectangle.



She uses the other piece of wire to make a square.

What is the length of one side of the square?

$$100 - 36 = 64$$

$$64 \div 4 = 16$$

One side of the square is 16 cm.

1 What are the missing digits?

$$\begin{array}{|c|c|} \hline 3 & 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 7 & 5 \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 1 & 1 & 1 \\ \hline \end{array}$$

2 Annie and Ron each think of a number.

I'm thinking of the number 6

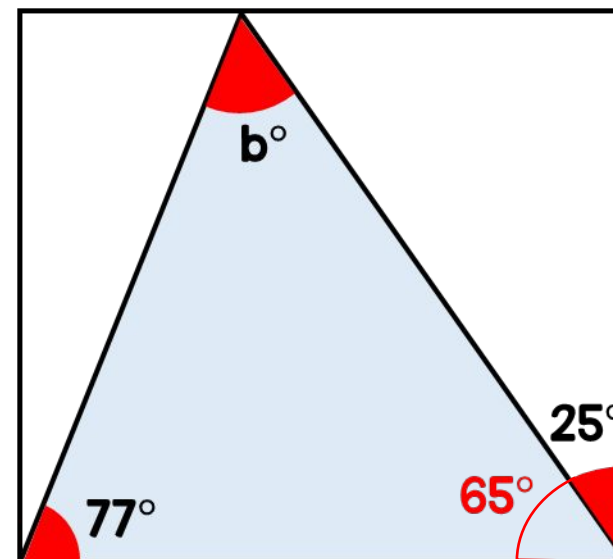


The product of their numbers is 762

Work out Ron's number.

$$762 \div 6 = 127$$

3 Find the size of angle b.



$$90 - 25 = 65$$

$$65 + 77 = 142$$

$$180 - 142 = 38$$

$$b = 38^\circ$$

- 1 Marbles are put into bags of 10



- 67 bags of marbles are packed.
- 3 more marbles are added to each bag.

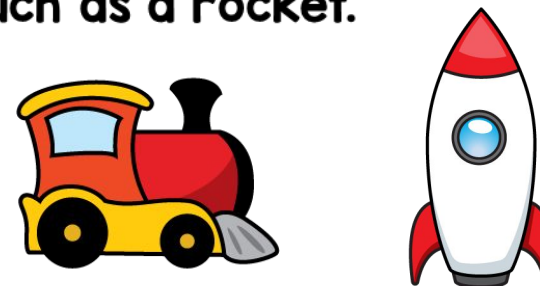
How many marbles are there in total now?  $67 \times 13 = 871$

- 2 Work out the missing digits.

$$\boxed{5} \times \boxed{7} \times \boxed{3} = 105$$

$$105 \div 5 = 21$$

- 3 A toy train costs three times as much as a rocket.



The total cost of the train and rocket is £52

How much does the train cost?

$$52 \div 4 = 13$$

$$13 \times 3 = 39$$

The train costs £39