

Varied fluency

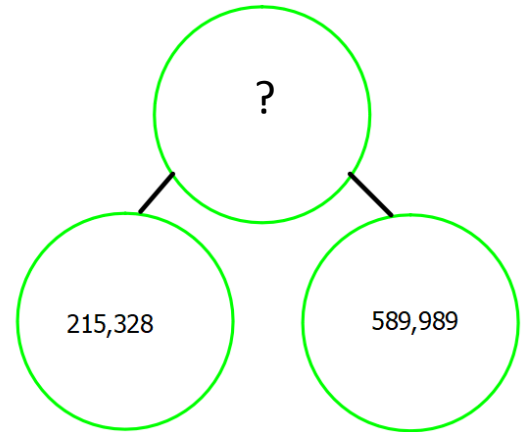
Calculate

$$\begin{array}{r} 34621 \\ + 25734 \\ \hline \end{array}$$

$$\begin{array}{r} 4761325 \\ - 938052 \\ \hline \end{array}$$

$67,832 + 5,258 =$

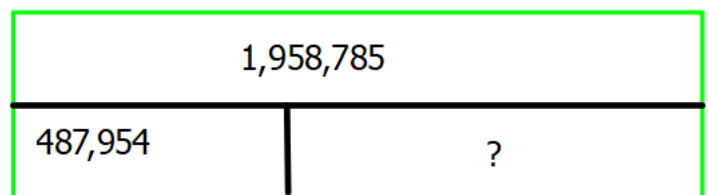
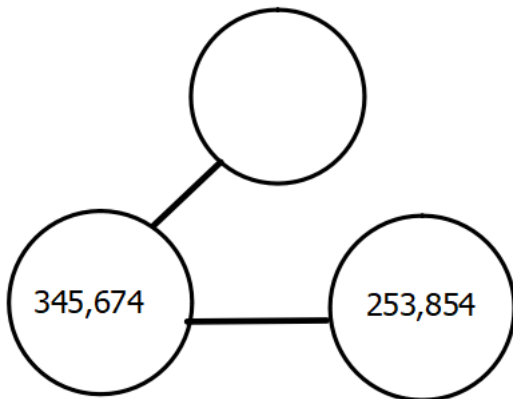
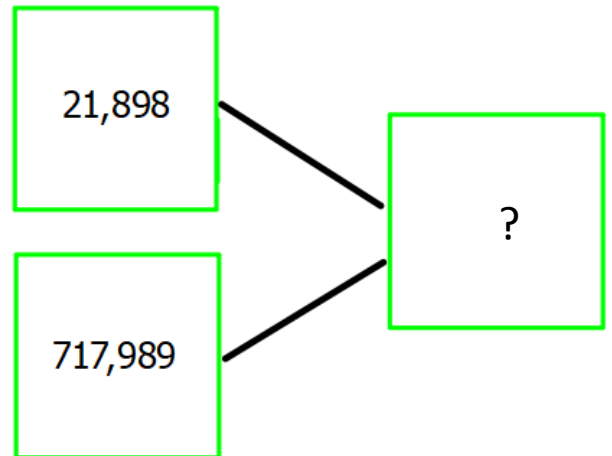
$834,501 - 193,642 =$



A four-bedroom house costs £450,000
 A three-bedroom house costs £199,000 less.
 How much does the three-bedroom house cost?
 What method did you use to find the answer?

All the missing digits are the same. Find the missing digits

$$\begin{array}{r} 52247\textcircled{0} \\ + 3\textcircled{0}5904 \\ \hline 90\textcircled{0}3\textcircled{0}2 \end{array}$$



Work out the missing number:

$3,210 + 2,564 = 9,836 - \boxed{}$

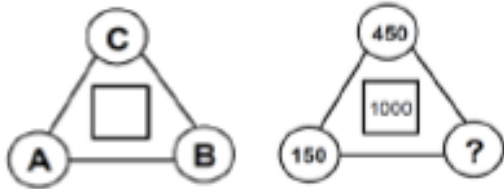
$2,678 + \boxed{} = 9,305 - 3,789$

Reasoning

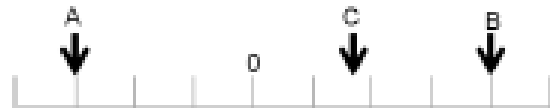
- The number in the square in the middle is calculated using the following rule

$$A + B - C$$

Work out the value of the question mark.



Three numbers are marked on a number line.



The difference between A and B is 28
 The difference between A and C is 19
 D is 10 less than C
 What is the value of D?
 How do you know?

Each shape stands for a number.

The number at the end of each row shows the sum of the row.

What number does each shape stand for?

○	○	△	17
☆	☆	☆	18
☆	☆	○	16

☆ =	△ =	○ =
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Problem solving

Here is a bar model.

A	B
631,255	

A is an odd number which rounds to 100,000 to the nearest ten thousand.
 It has a digit total of 20

B is an even number which rounds to 500,000 to the nearest hundred thousand.
 It has a digit total of 10

A and B are both multiples of 5 but end in different digits.

Three pandas are eating bamboo sticks. There are 51 altogether. They all eat an odd number of sticks. How many bamboo sticks did they each eat? How many different ways can you do it?

