



## Let's learn

The word 'sum' can be used to describe any calculation so  $75 + 20$  and  $95 - 30$  are both sums!



## You need:

- squared paper 
- ruler 

No, that's not right. The 'sum' of 2 numbers is the total. It can only be used for addition.

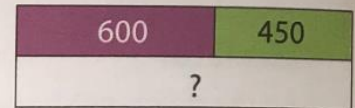
## Sums and differences

The unknown value in this bar model is the sum or total of 600 and 450.

Calculate the unknown value with the addition  $600 + 450$ .

A mental method can be used. The number bond  $6 + 4 = 10$  is related to the bond  $600 + 400 = 1000$ .

You can write the calculation as  $600 + 400 + 50 = 1000 + 50 = 1050$ .



The unknown value in this bar model is the difference between 1200 and 900.

Calculate the unknown value with the subtraction  $1200 - 900$ .

Use a number line, number bonds or related facts to help you.

$1200 - 900$  is related to the fact  $12 - 9 = 3$ , so  $1200 - 900 = 300$ .

