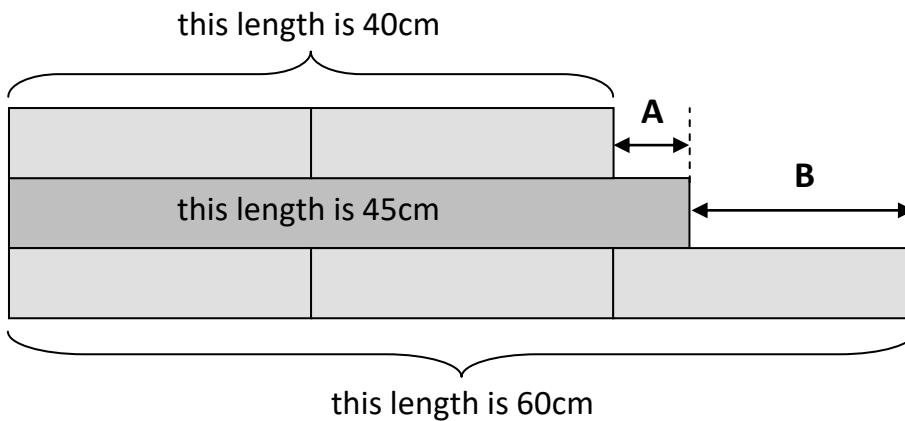


## 19.1.21 DIVISION PROBLEMS ANSWERS

1.



The calculations would be:

$$45 - 40 = 5 \quad \text{so } A = 5\text{cm}$$

$$60 - 45 = 15 \quad \text{so } B = 15\text{cm}$$

2.  $480 \div 5 = 96$  so each part of the top shape has a value of 96.

The middle shape is the same length as three parts of the top shape so  $96 \times 3 = 288$ .

The bottom shape is half of the middle shape so half of 288 is 144.

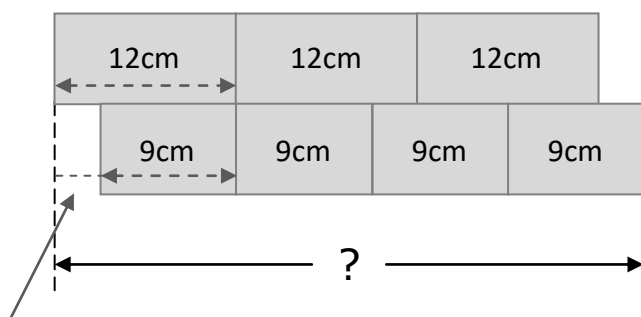
The bottom shape is split into thirds so one third of the bottom shape is  $144 \div 3 = 48$

Therefore  $a = 48$

Therefore  $b = 480 + 288 + 144 = 912$

3. The top piece of card is 36cm split into three parts so  $36 \div 3 = 12$ .

The bottom piece of card is 36cm split into four parts so  $36 \div 4 = 9$



The length of this gap is equal to the difference between 12 and 9 which is 3. So the total length is the length of the original piece of card plus the difference between 12 and 9:

$$36 + 3 = 39$$