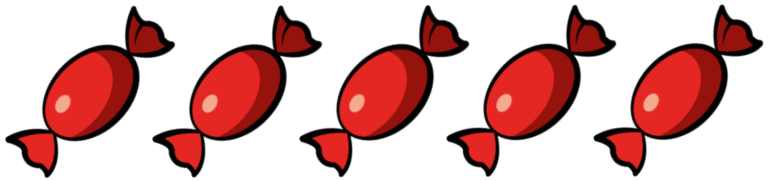
Wed 9th Nov

BARVEMBER 2022

White Rose Maths

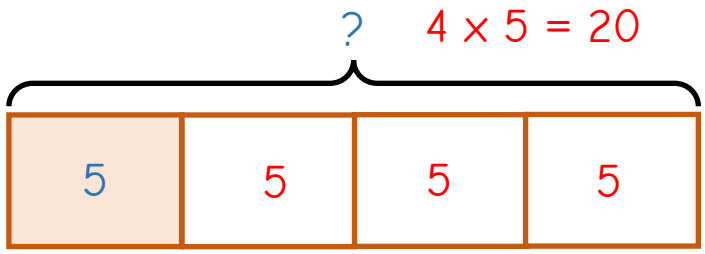
1 Lucy has some sweets.

Here are a quarter of Lucy's sweets.

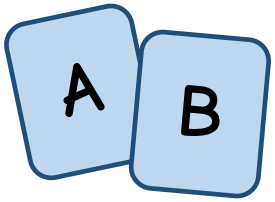


How many sweets does Lucy have?

Lucy has 20 sweets.



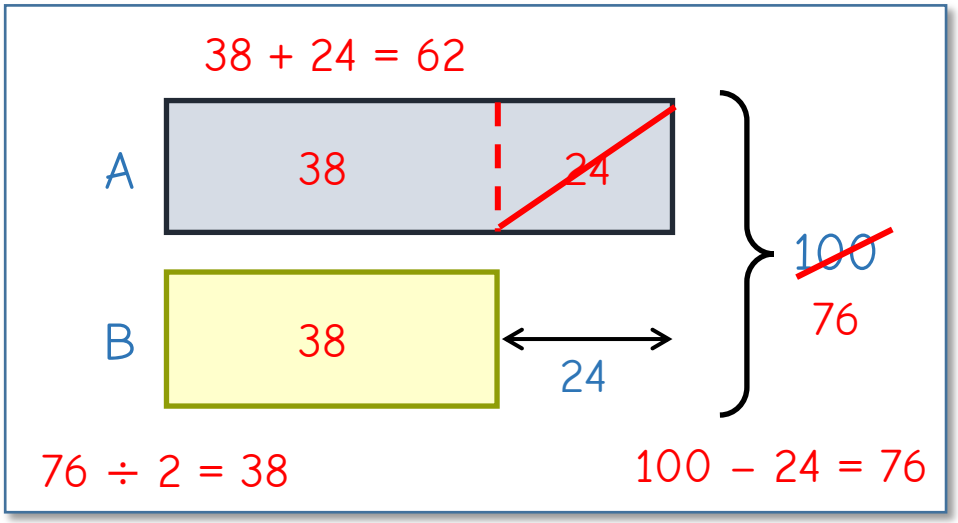
2 The sum of two numbers is 100



The difference between the same two numbers is 24

What are the numbers?

A is 62 and B is 38



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White Rose Maths

3 Rowena and Nathan have £90 in total.

They each pay £9 towards a meal.

Rowena now has 5 times as much money as Nathan.

How much did Rowena have at the start?

Rowena had £69 at the start.

After

Rowena: £12 £12 £12 £12 £12

Nathan: £12

£90 - £18 = £72

After 5 x £12 = £60

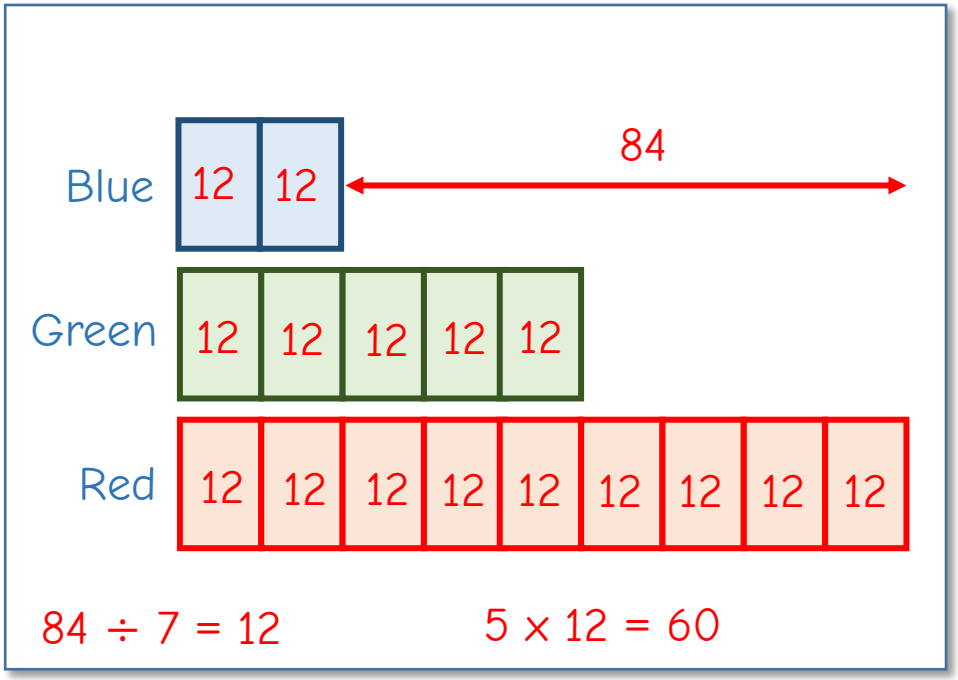
Before £60 + £9 = £69

4 The ratio of blue to green to red counters in a box is 2 : 5 : 9

There are 84 more red counters than blue counters in the box.

How many green counters are in the box?

There are 60 green counters in the box.



84 ÷ 7 = 12

5 x 12 = 60

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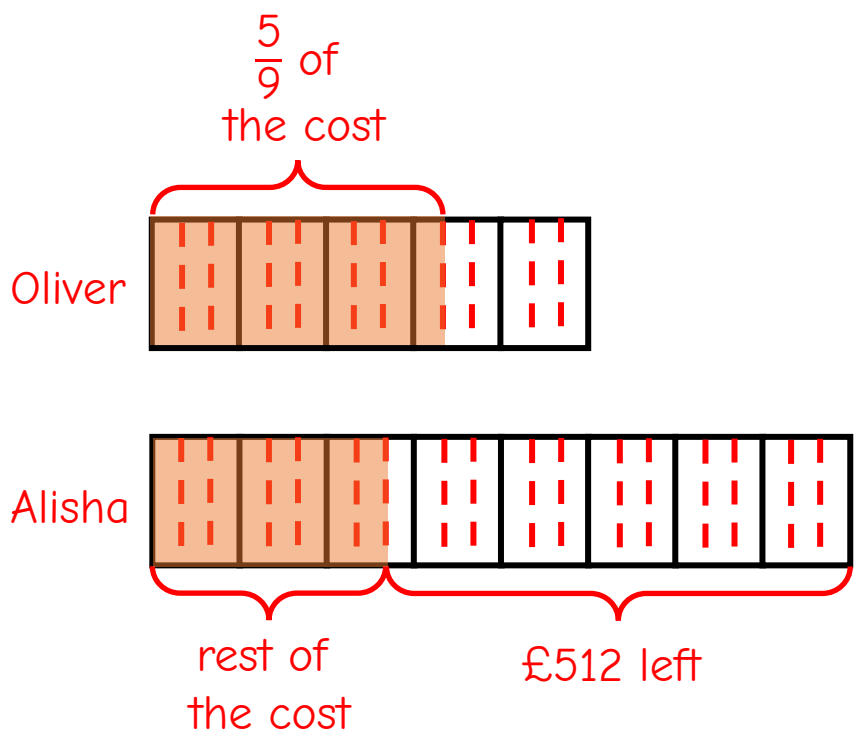
The Daily Challenge

5 Oliver and Alisha share the cost of a new sofa. They each pay a different amount.

- Oliver has $\frac{5}{8}$ of the amount of money Alisha has.
- Oliver pays $\frac{5}{9}$ of the cost of the sofa using $\frac{2}{3}$ of his money.
- Alisha pays the rest and she has £512 left.

How much did the sofa cost?

The sofa cost £576



£512 ÷ 16 = £32

18 x £32 = £576