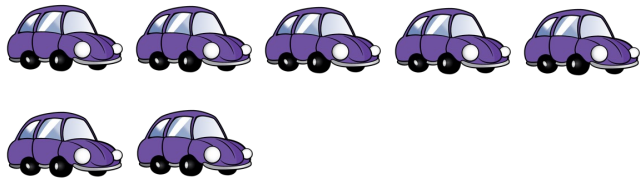
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White Rose Maths

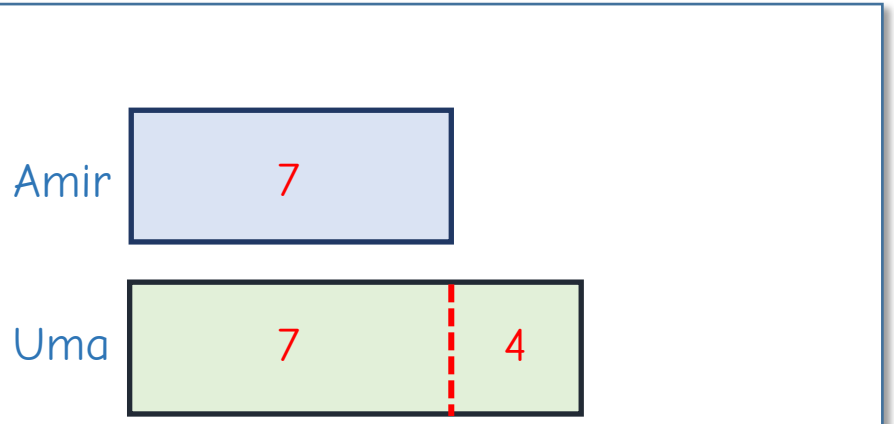
1

Amir has 7 toy cars.



Uma has 4 more toy cars than Amir.

How many toy cars do they have in total? They have 18 toy cars in total.



7 + 7 + 4 = 18

2

Alix buys an apple, an orange and a pear.

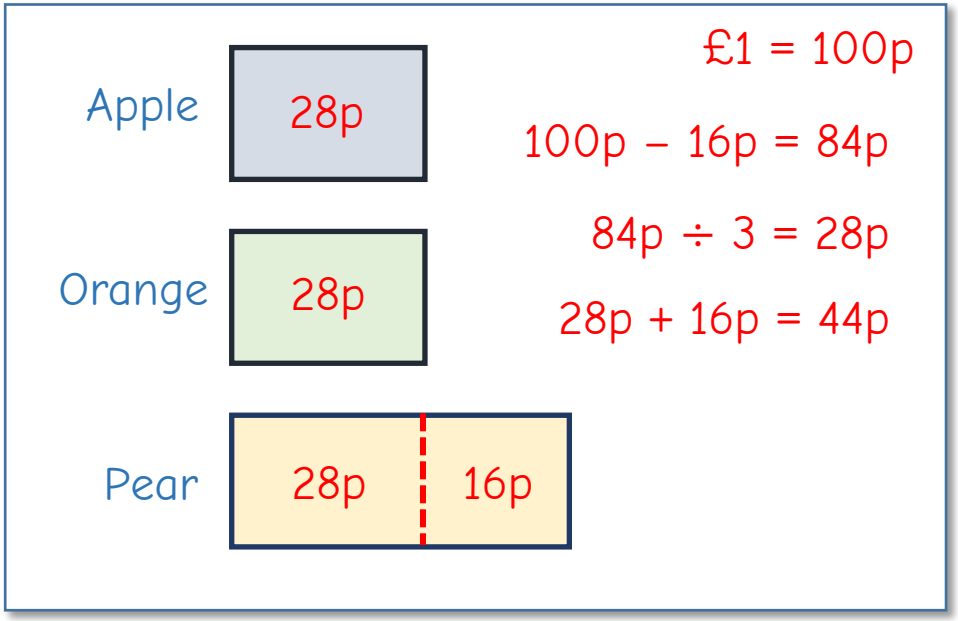
The apple costs the same as the orange.

The pear costs 16p more than the apple.

The total cost is £1

How much does each item cost?

The apple and the orange cost 28p and the pear costs 44p.



£1 = 100p

100p – 16p = 84p

84p ÷ 3 = 28p

28p + 16p = 44p

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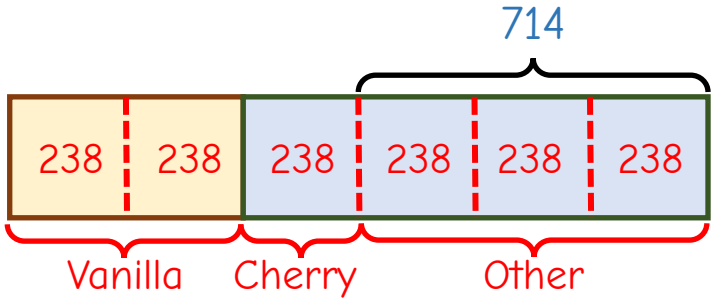
3

A shop sells ice cream.

- One third of the ice creams they sell in a day are vanilla flavoured.
- One quarter of the remaining ice creams are cherry flavoured.
- They sold 714 other flavoured ice creams.

How many vanilla ice creams did they sell?

They sold 476 vanilla ice creams.



714 ÷ 3 = 238

2 x 238 = 476

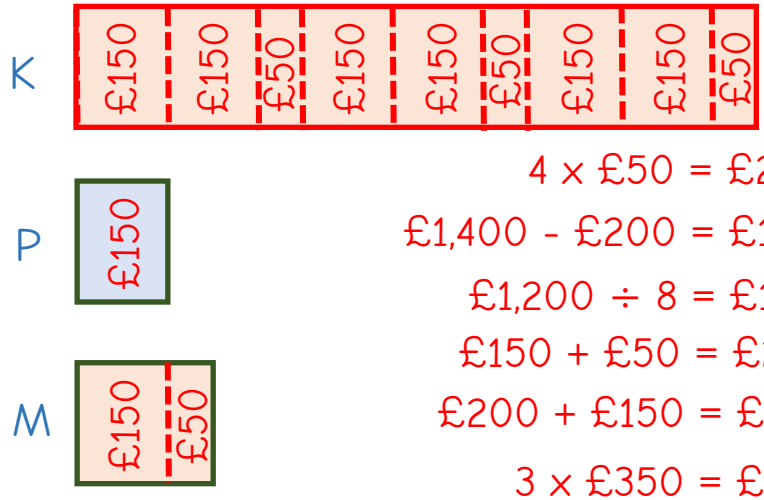
4

A shop sells 3 models of drones, K, P and M.

- Model K costs 3 times as much as models P and M combined.
- Model P costs £50 more than model M.
- The total costs of the 3 drones is £1,400

How much does the most expensive drone cost?

Model K is the most expensive model and costs £1,050



4 x £50 = £200

£1,400 - £200 = £1,200

£1,200 ÷ 8 = £150

£150 + £50 = £200

£200 + £150 = £350

3 x £350 = £1,050

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The Daily Challenge

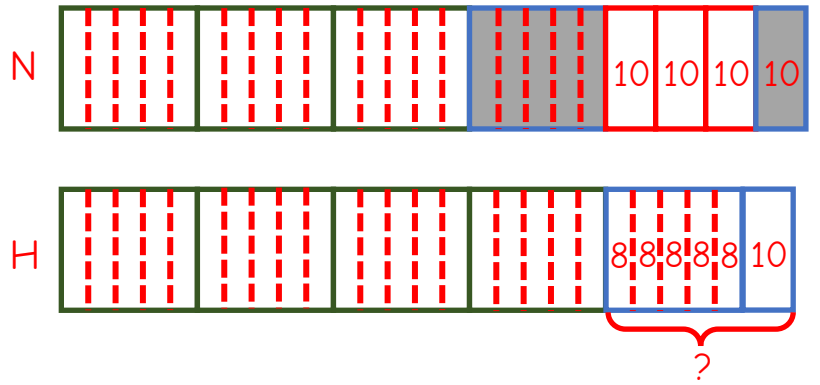
5 Nick and Harvey have some eggs.

- Nick has 40 more eggs than Harvey.
- Nick gives a quarter of his eggs to Harvey.
- Now, the ratio of the number of eggs that Nick has to the number of eggs Harvey has is 5 : 7

How many eggs did Nick give Harvey?

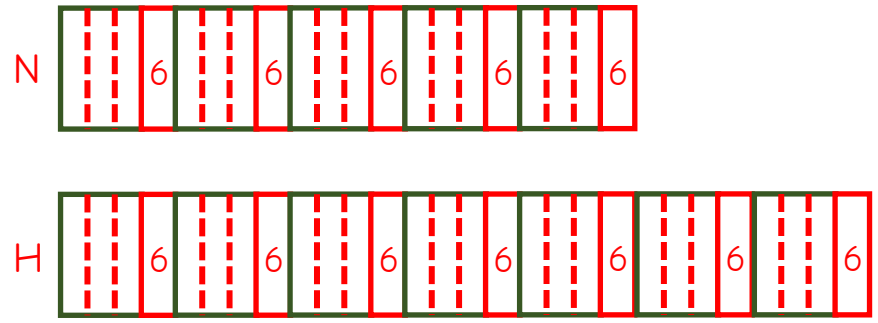
Nick gave Harvey 50 eggs.

First



5 x 8 + 10 = 50

Then



7 x 6 – 10 = 32

4 parts = 32

1 part = 8