1 An egg box contains 6 eggs.

A tray contains five times as many eggs.

How many eggs are there in total?

?

6	
Box	Tray

Fran has 4 boxes of eggs.
Each box contains 12 eggs.
How many eggs are there in total?

2 Lily has 4 piles of coins.

Nat has 3 more piles of coins than Lily.

Each pile contains 5 coins.

How many coins are there in total?

Lily

Nat

Lily has 3 piles of 10p coins.
Nat has twice as many piles as Lily.
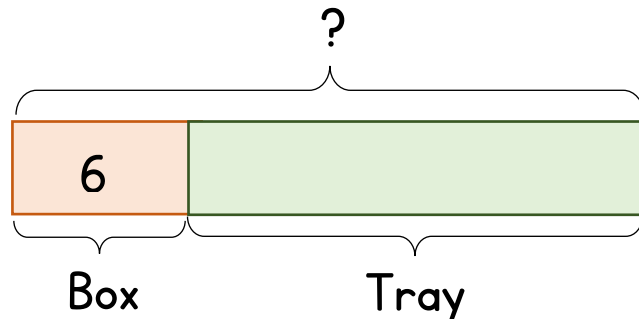Each pile contains 5 coins.
How much money do they have in total?

1 An egg box contains 6 eggs.

A tray contains five times as many eggs.

How many eggs are there in total?

Fran has 4 boxes of eggs.
Each box contains 12 eggs.
How many eggs are there in total?

2 Lily has 4 piles of coins.

Nat has 3 more piles of coins than Lily.

Each pile contains 5 coins.
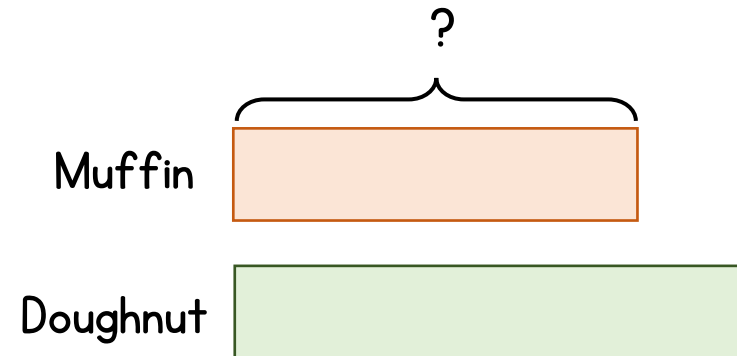
How many coins are there in total?

Lily has 3 piles of 10p coins.
Nat has twice as many piles as Lily.
Each pile contains 5 coins.
How much money do they have in total?

3 There are 3 rectangles.

The length of A is $\frac{3}{4}$ of C.

The total length of A and B is 117 cm.

The total length of B and C is 140 cm.

What is the length of A, B and C altogether?

A

B

C

How does the answer change if A is $\frac{3}{5}$ of the length of C?

4 Ali bought a muffin and a doughnut.

The total cost is £3.60

The muffin costs $\frac{4}{5}$ of the doughnut.

How much does the muffin cost?

?

Muffin

Doughnut

How does your answer change if the doughnut costs $\frac{3}{4}$ of the muffin?

3 There are 3 rectangles.

The length of A is $\frac{3}{4}$ of C.

The total length of A and B is 117 cm.

The total length of B and C is 140 cm.

What is the length of A, B and C altogether?
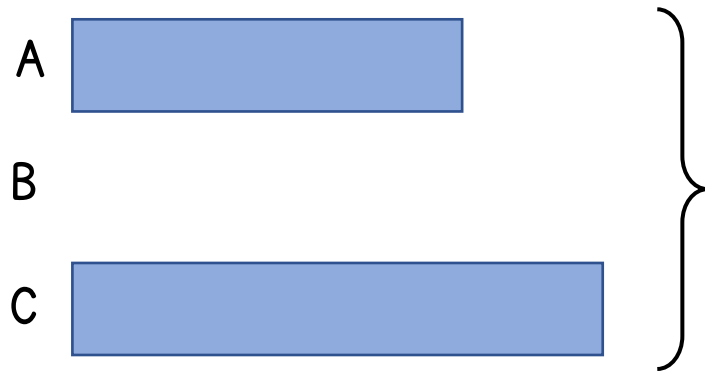
How does the answer change if A is $\frac{3}{5}$ of the length of C?

4 Ali bought a muffin and a doughnut.

The total cost is £3.60

The muffin costs $\frac{4}{5}$ of the doughnut.

How much does the muffin cost?

How does your answer change if the doughnut costs $\frac{3}{4}$ of the muffin?

Amir has 240 more counters than Brett.

Amir gives 25% of his counters to Brett.

Brett now gives 60% of the counters he now has back to Amir.

In the end Amir had 300 counters more than Brett.

How many counters did Amir have at the start?