Problems of the Day 2020

1 Mary measures the mass of 2 cylinders.

10 kg
9 kg
8 kg
7 kg
6 kg 5 kg 4 kg 3 kg 2 kg 1kg
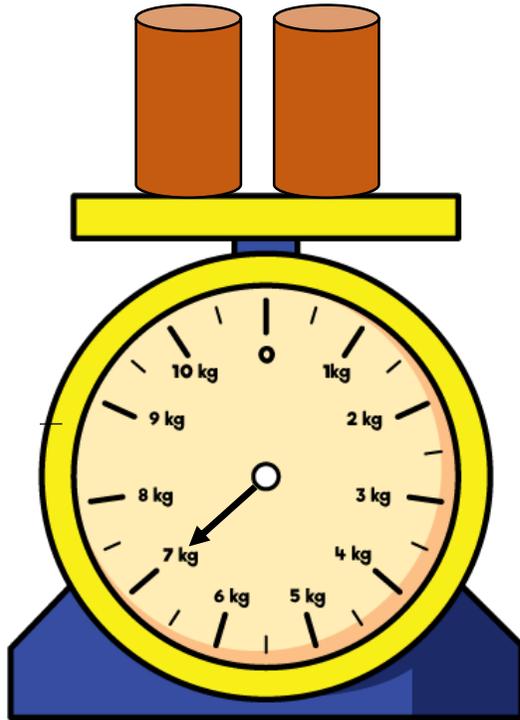
What is the mass of 10 of these cylinders?

2 Jack and Dora each have some money.
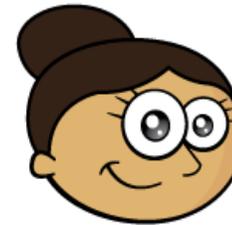
I spent half of my money.

I spent £12
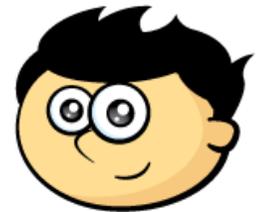
They have the same amount left.

Dora spent £20

How much money did Jack have at the start?

White Rose Maths

1 Jack and Dora each have some money.
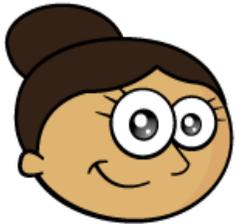
I spent $\frac{1}{3}$ of my money.

I spent $\frac{1}{4}$ of my money.
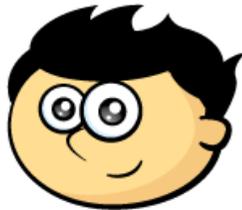
They have the same amount left.

Dora spent £72

How much money did Jack spend?

2 What is the area of the triangle?

1 cm

1 cm
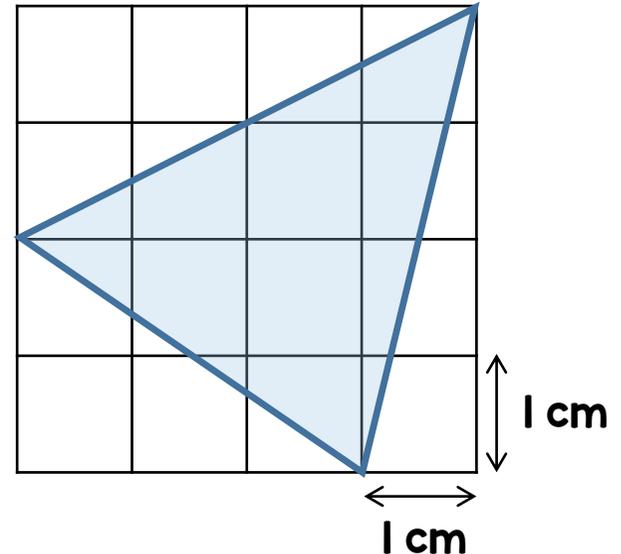
3 Write down all the common multiplies of 4 and 6 that are less than 50
Show or explain your method.

White Rose Maths