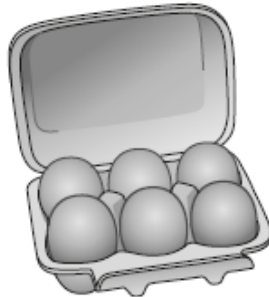


Year 6 – Reasoning practice

A farmer is packing eggs.

Each box holds six eggs.



The farmer has 980 eggs to pack.

How many boxes can the farmer fill using 980 eggs?

full boxes

How many eggs will be left over?

left over

This table shows the areas of the United Kingdom and Jamaica.

Country	Area (square kilometres)
United Kingdom	240,000
Jamaica	10,000

The area of the United Kingdom is larger than the area of Jamaica.

How many times larger is the United Kingdom?

times larger

Jack has £400

He spends 35% of his money on a new bike.

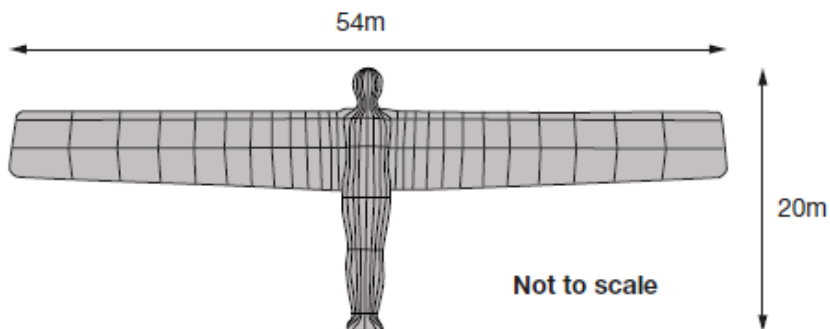


How much does Jack spend on his new bike?

£

The Angel of the North is a large statue in England.

It is 20 metres tall and 54 metres wide.



Ally makes a scale model of the Angel of the North.

Her model is 40 centimetres tall.

How **wide** is her model?

cm

Jack finished a sponsored run in 53 minutes 25 seconds.

Ally finished 3 minutes 50 seconds **after** Jack.

How long did Ally take?

min

sec

Layla finished the run 8 minutes 45 seconds **before** Jack.

How long did Layla take?

min

sec

$$33,630 = 354 \times 95$$

Use this multiplication to complete the calculations below.

$$354 \times 9.5 =$$

$$3,540 \times 95 =$$

$$3,363 \div 95 =$$