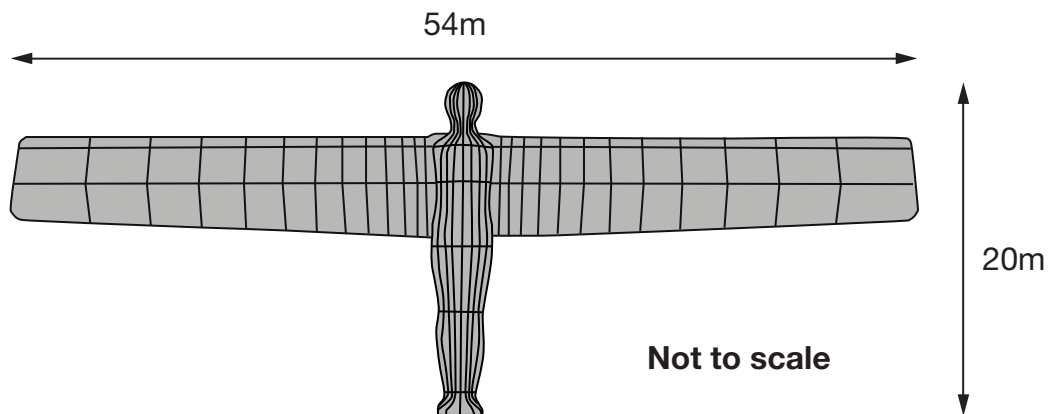


9

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?

--

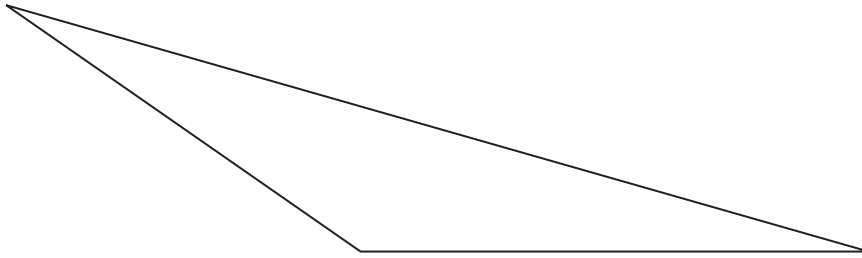
cm

1 mark



9

Here is a triangle.



Measure the shortest side accurately, in centimetres.

1 mark

Measure the largest angle.

1 mark



9

The mass of a 10p coin is 6.5g.

The mass of a 5p coin is half the mass of a 10p coin.

What is the mass of these six coins **altogether**?



Show
your
method

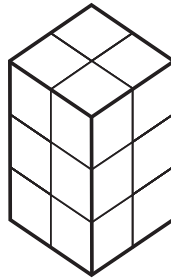
g

2 marks

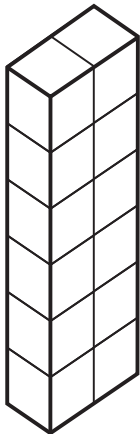
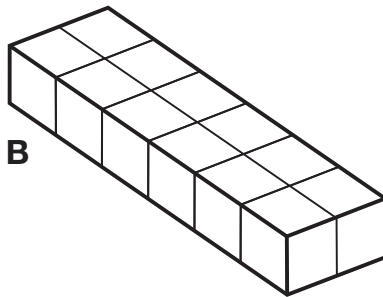
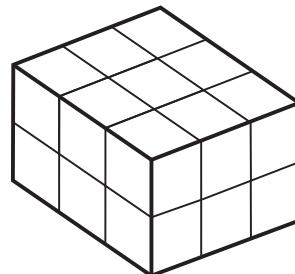
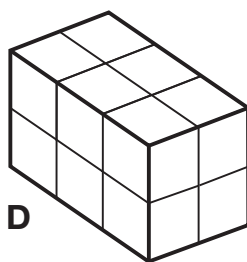
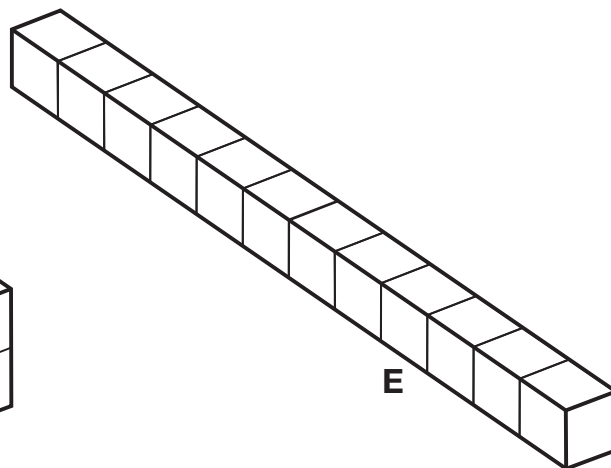


10

Emma makes a cuboid using 12 cubes.



Write the letter of the cuboid that has a **different** volume from Emma's cuboid.

**A****B****C****D****E**

_____ 1 mark

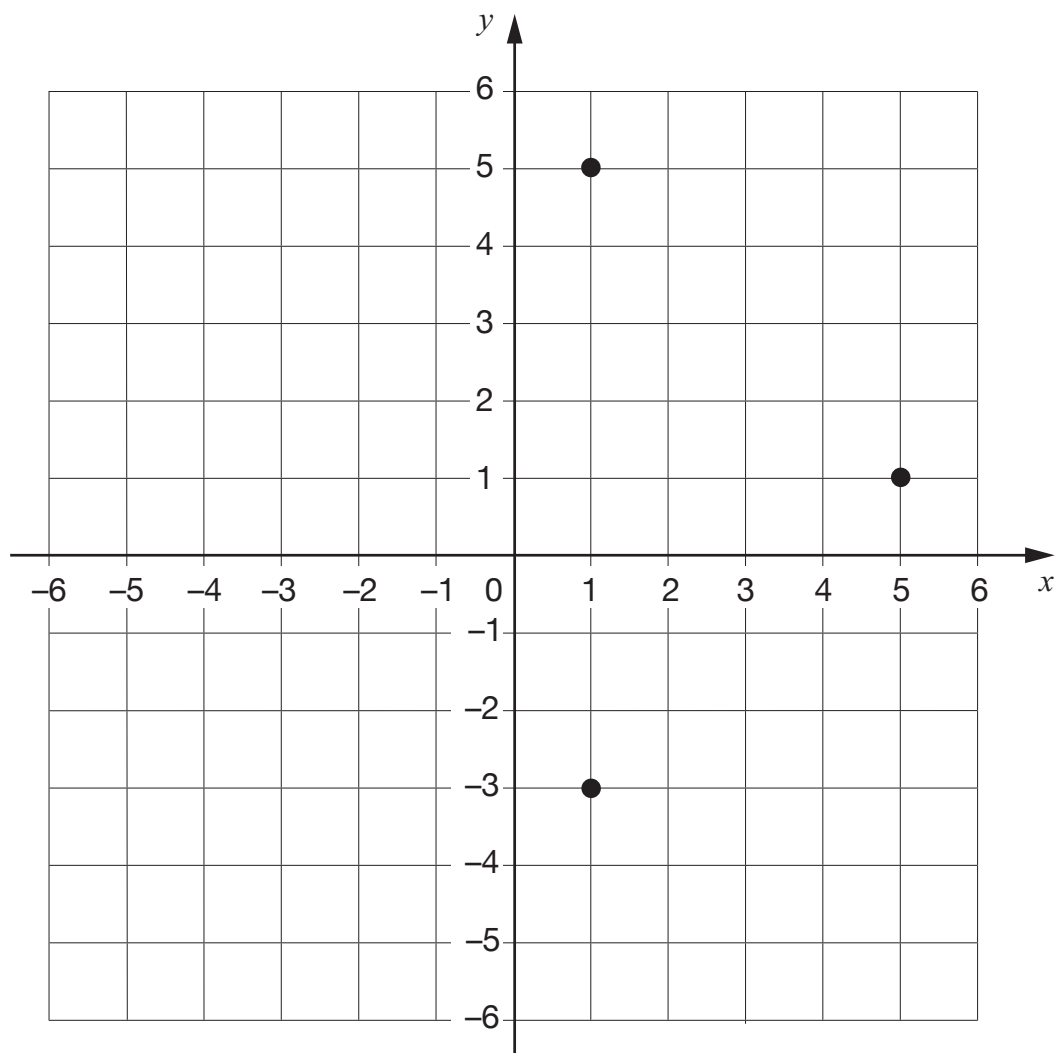


E 0 0 0 8 0 A 0 1 3 2 4

10

Layla draws a **square** on this coordinate grid.

Three of the vertices are marked.



What are the coordinates of the missing vertex?

(,)

1 mark



10

A bottle contains 568 millilitres of milk.

Jack pours out **half a litre**.



How much milk is left?

1 mark

11

A bicycle wheel has a diameter of 64 cm.

What is the **radius** of the bicycle wheel?

1 mark



11

Here is a rule for the time it takes to cook a chicken.

**Cooking time = 20 minutes plus an extra
40 minutes for each kilogram**

How many minutes will it take to cook a 3 kg chicken?

minutes

1 mark

What is the mass of a chicken that takes 100 minutes to cook?

kg

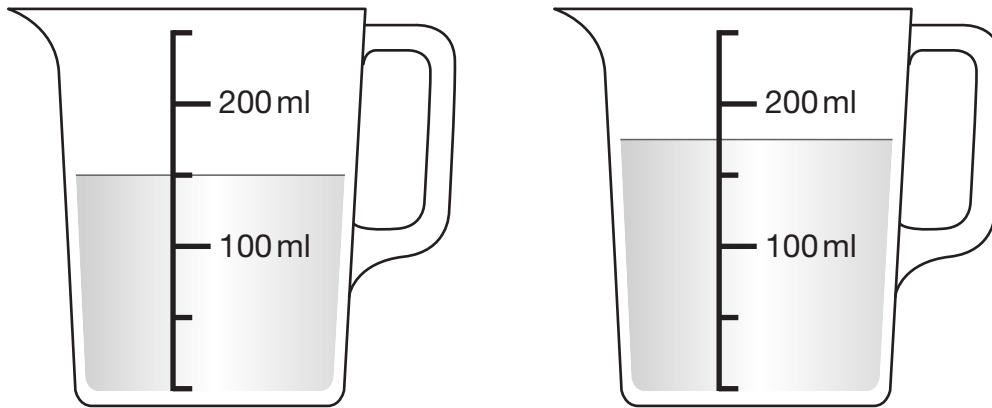
1 mark



11

Stefan has **600 millilitres** of water in a bottle.

He pours some of the water into two measuring jugs as shown.



How many millilitres of water are left in Stefan's bottle?

Show
your
method

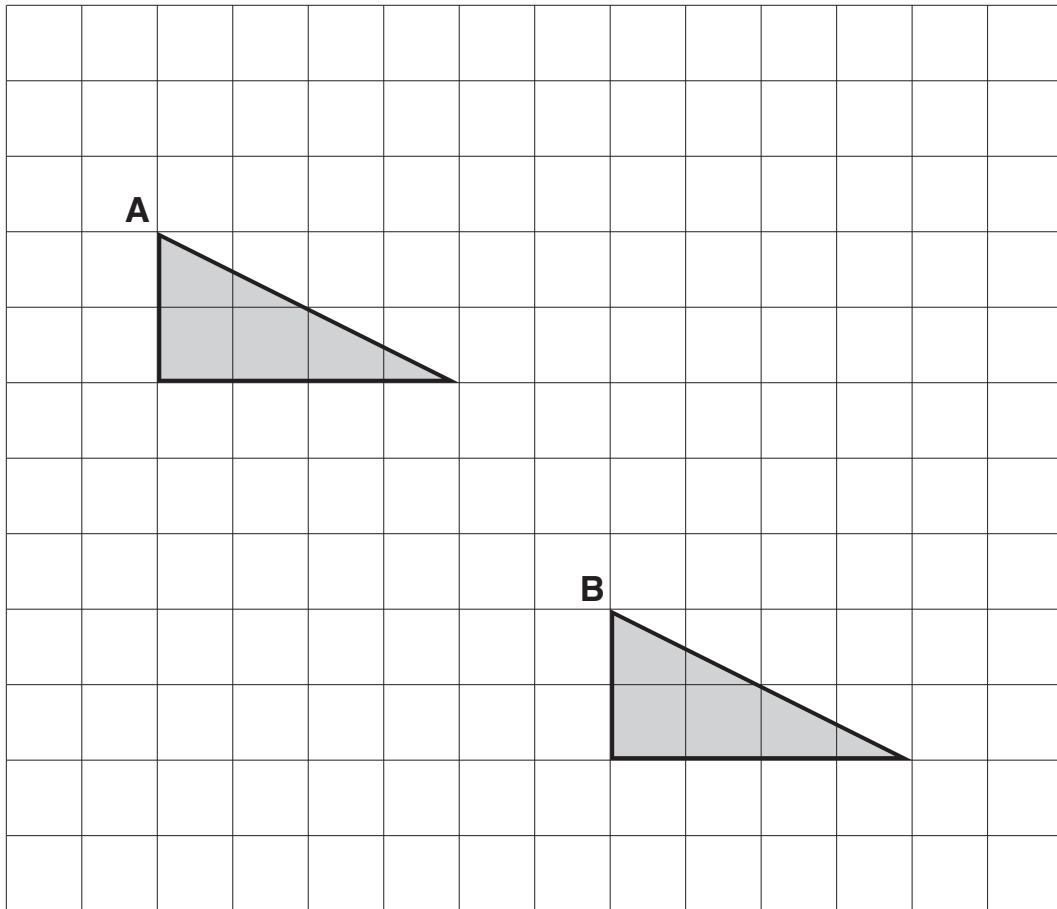
ml

2 marks



12

A triangle is translated from position **A** to position **B**.



Complete the sentence.

The triangle has moved

squares to the right

and

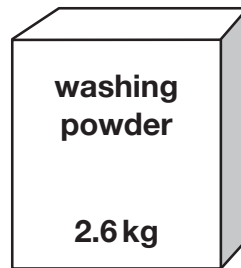
squares down.

1 mark



13

A box contains 2.6 kg of washing powder.



Jack uses 65 grams of powder for each wash.

He uses all the powder.

How many washes did Jack do?

Show
your
method

washes

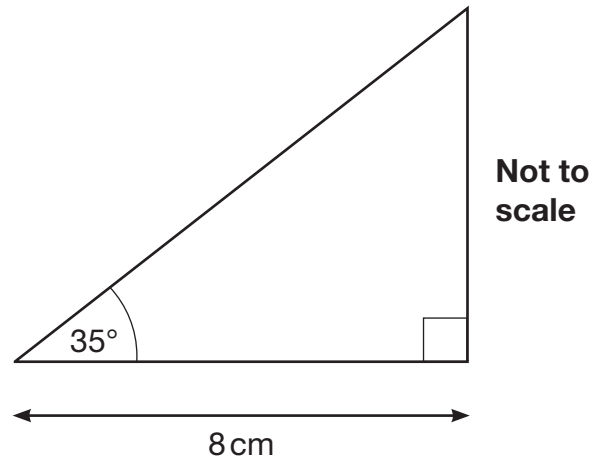
2 marks



13

Here is a sketch of a triangle.

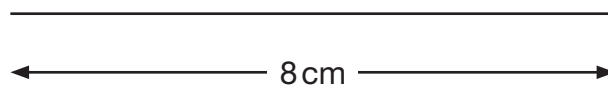
It is not drawn to scale.



Draw the full-size triangle **accurately** below.

Use an angle measurer (protractor) and a ruler.

One line has been drawn for you.



2 marks



13



Kirsty says,

When you double the size of an acute angle,
you always get an obtuse angle.

Explain why Kirsty is **not** correct.

A large, empty, cloud-shaped box with a scalloped border, intended for the student to write their explanation.

1 mark



H 0 0 0 8 0 A 0 1 3 2 4