

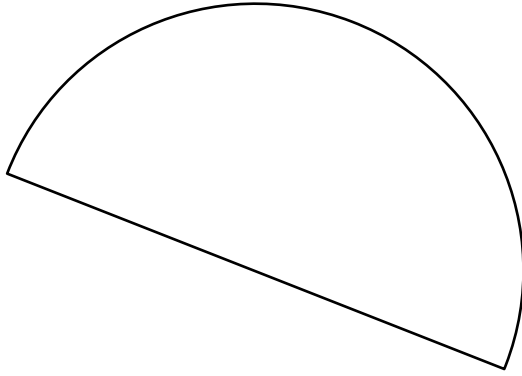
1

Here is a semi-circle.

[2012]

Measure accurately the length of the straight edge.

Give your answer in **centimetres**.



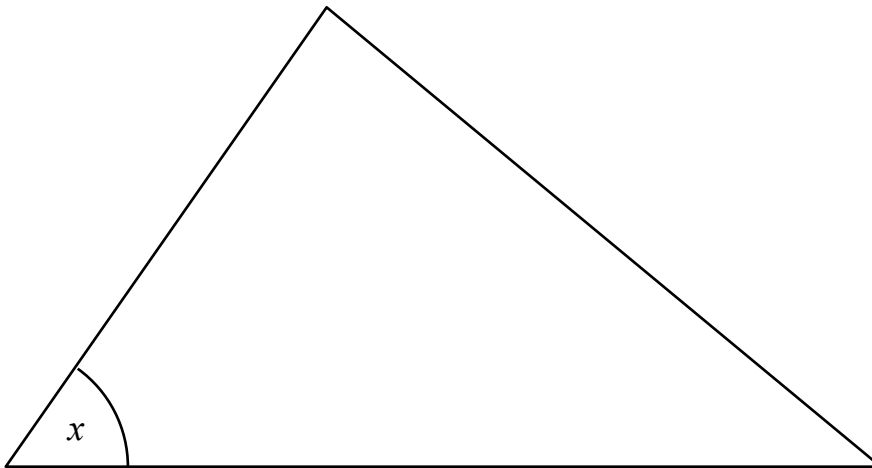
[1 mark]

2

Measure angle x accurately.

[2004]

Use a protractor (angle measurer).



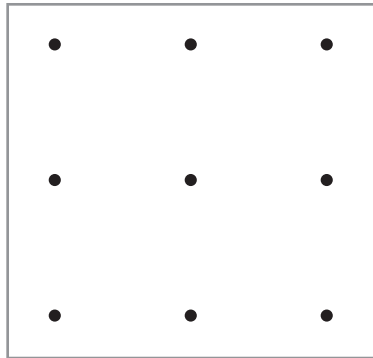
[1 mark]

3

[2002]

On the grid join dots to make a triangle which does **not** have a **right angle**.

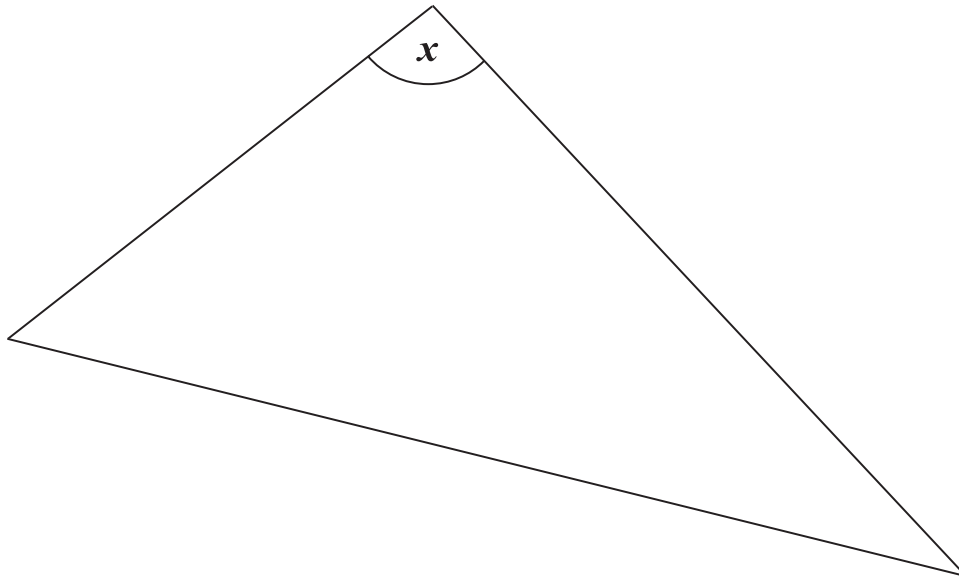
Use a ruler.



[1 mark]

4

[2004]



Measure angle x accurately.

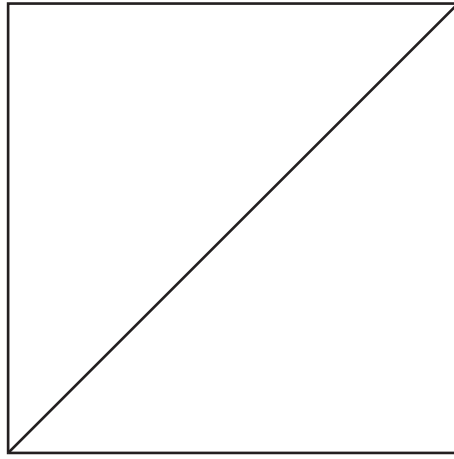
Use a protractor (angle measurer).



[1 mark]

5

[2004]



Measure accurately the length of the **diagonal** of this square.

Give your answer in **centimetres**.



cm

[1 mark]

6

[2016S]

Join dots on the grid to make a quadrilateral that has **3 acute** angles.



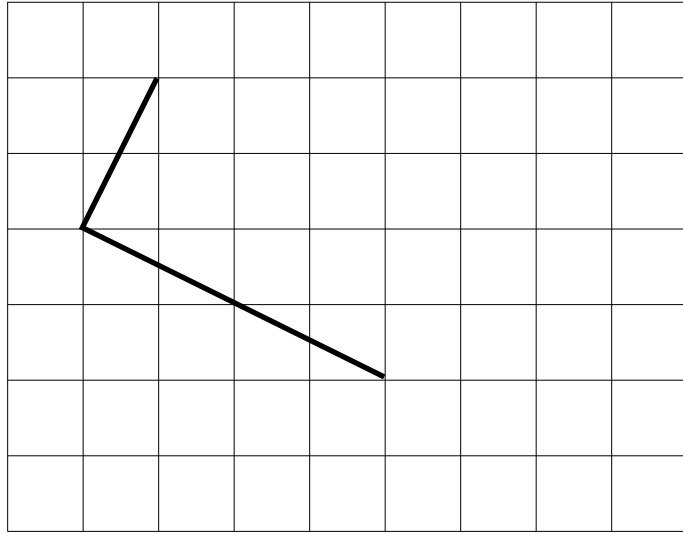
[1 mark]

7

Draw **two more straight lines** to make a rectangle.

[2001]

Use a ruler.

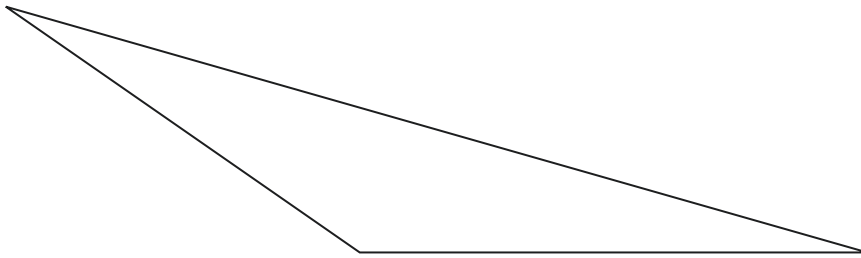


[1 mark]

8

Here is a triangle.

[2016S]



Measure the shortest side accurately, in centimetres.

cm

Measure the largest angle.

°

[2 marks]

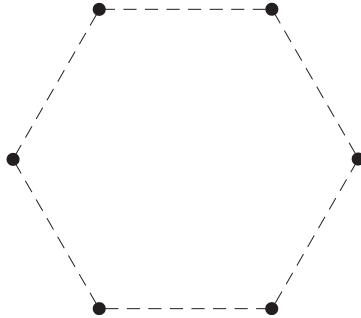
9

Here is a regular hexagon.

[2004]

Join three of the dots to make an **equilateral** triangle.

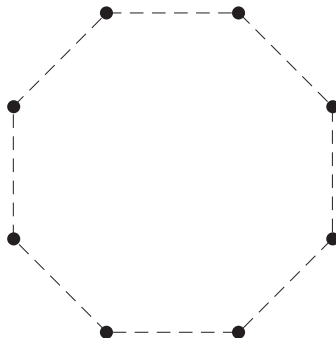
Use a ruler.



Here is a regular octagon.

Join three of the dots to make an **isosceles** triangle.

Use a ruler.



[2 marks]

10

Here are four lines: A, B, C and D.

[2013]



Which two lines have a total length of 18cm?



_____ and _____

Draw a straight line that is 3 centimetres longer than line **B**.

Use a ruler.

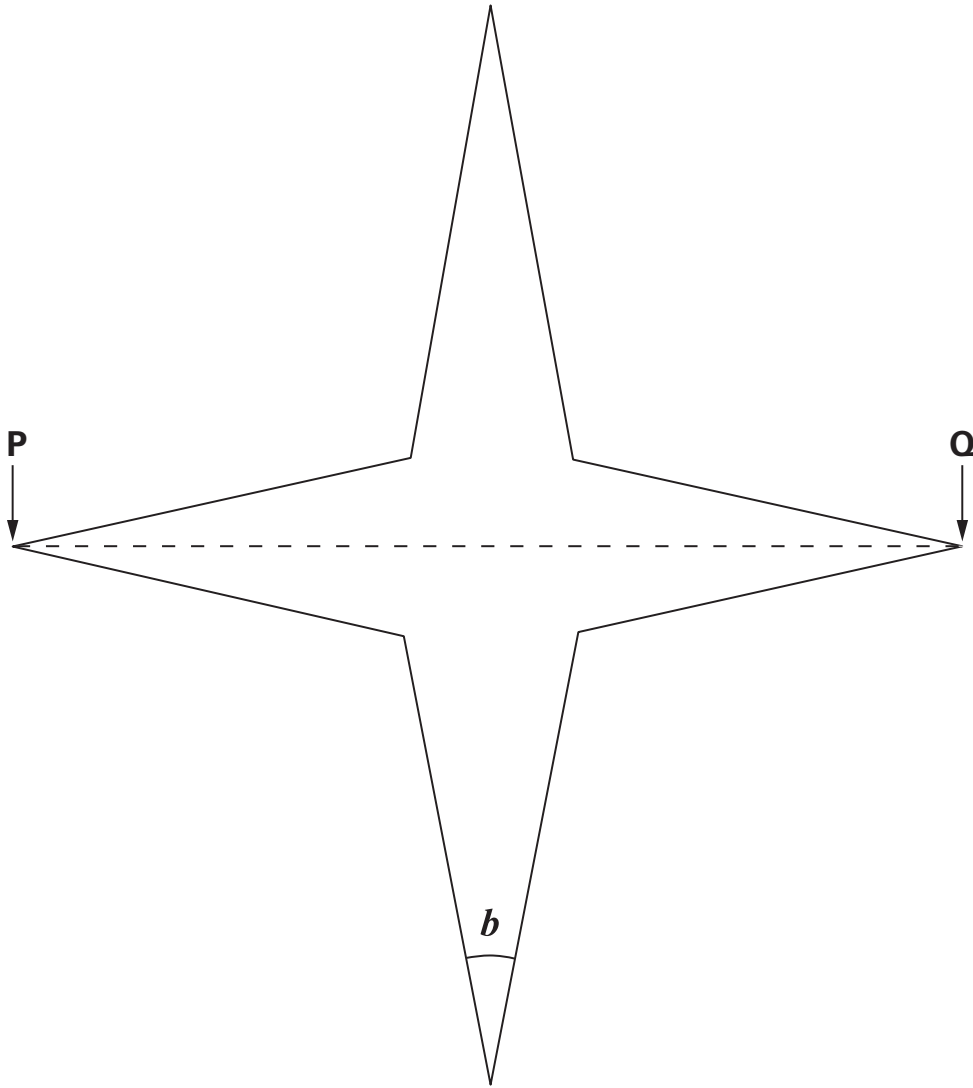


[2 marks]

11

Look at this star.

[2005]



Use a ruler to measure **accurately** the **width** of the star, from **P** to **Q**.

Give your answer in **millimetres**.



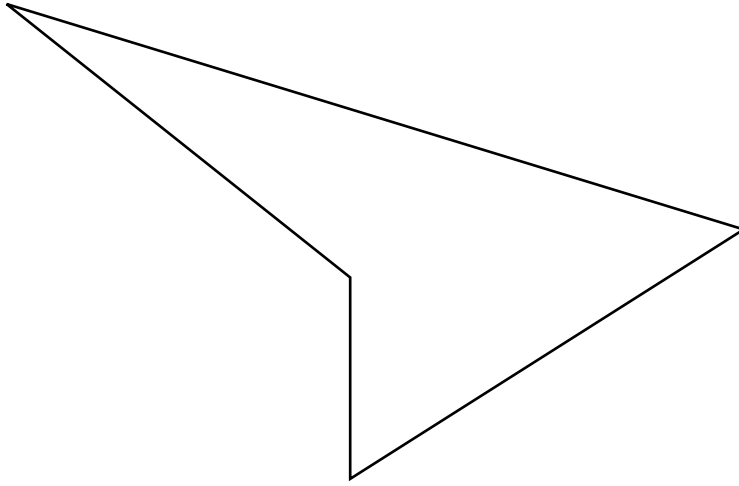
Use a protractor (angle measurer) to measure **angle b**.



[2 marks]

12

[2001]



Measure accurately the **longest side** of this shape.

Give your answer in millimetres.



Measure accurately the **smallest angle** in the shape.

Use a protractor (angle measurer).



[2 marks]

13

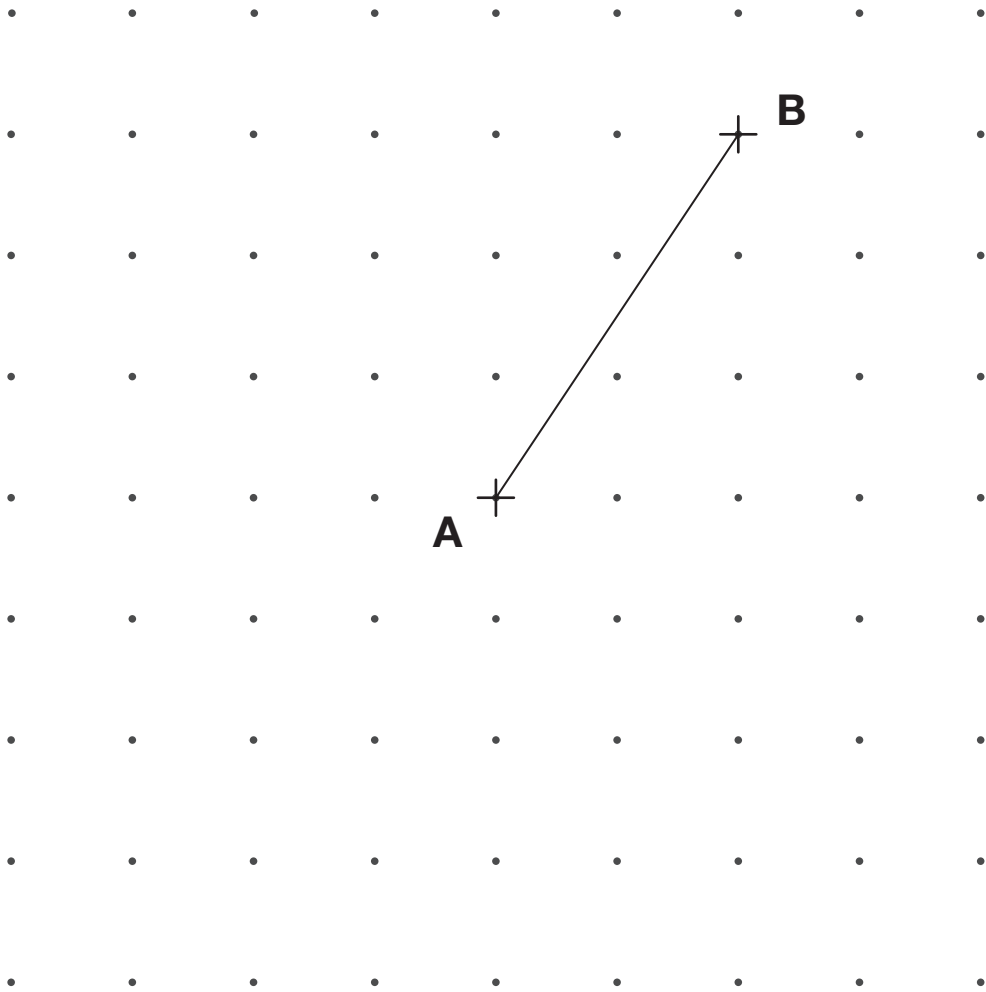
Here is a grid of dots.

[2010]

Point **A** and point **B** are joined by a straight line.

Draw a line to join point **A** to another dot on the grid so that the two lines make a right angle.

Use a ruler.



[1 mark]

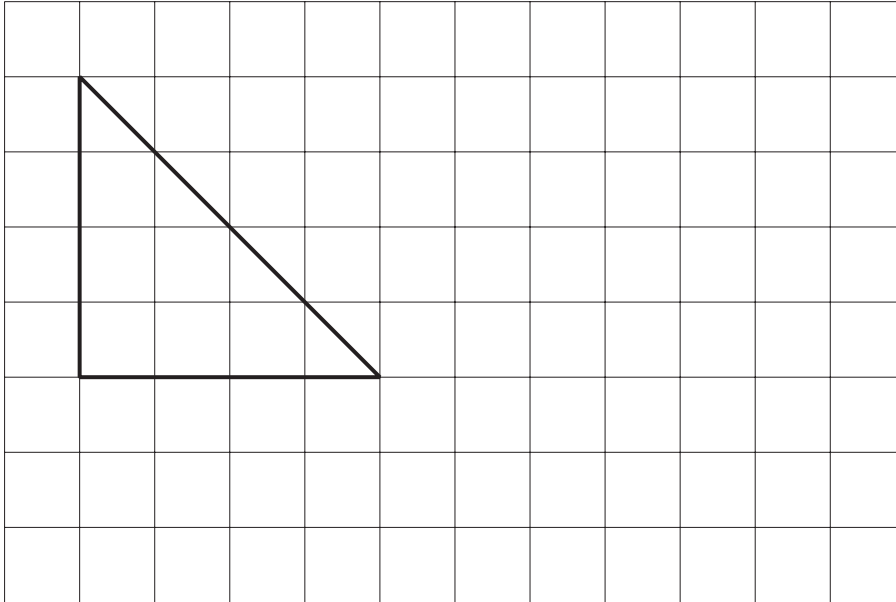
14

Here is a triangle drawn on a square grid.

[2006]

Draw a **rectangle** on the grid with the **same area** as the triangle.

Use a ruler.

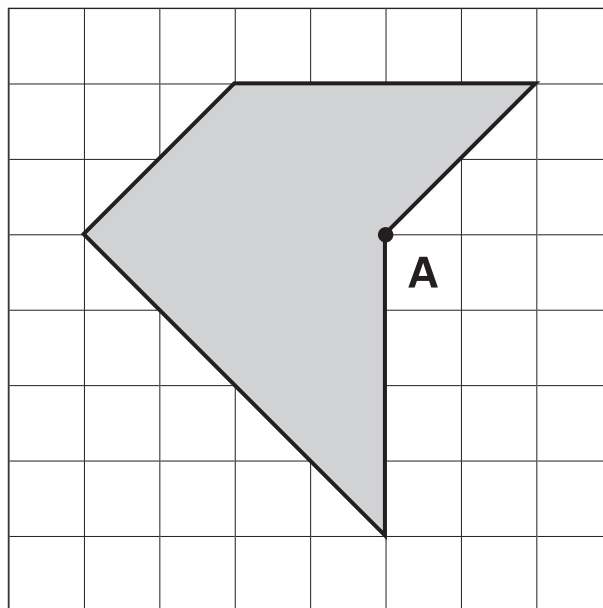


[1 mark]

15

Draw **two straight lines** from point **A** to divide the shaded shape into a square and two triangles.

[2003]



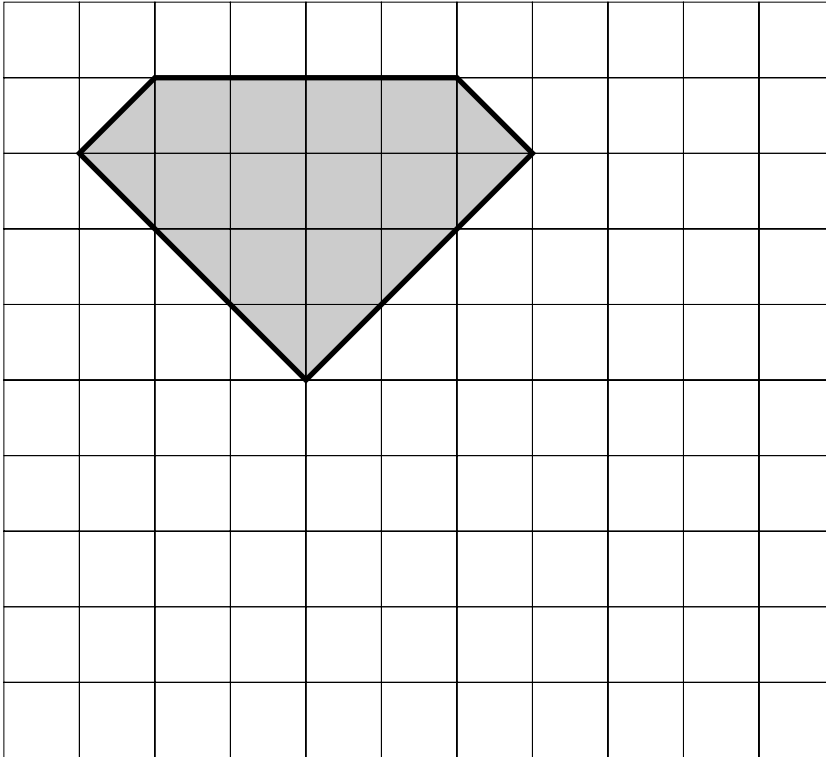
[1 mark]

16

[2000]

On the grid, draw a **rectangle** which has the **same area** as this shaded pentagon.

Use a ruler.



[1 mark]

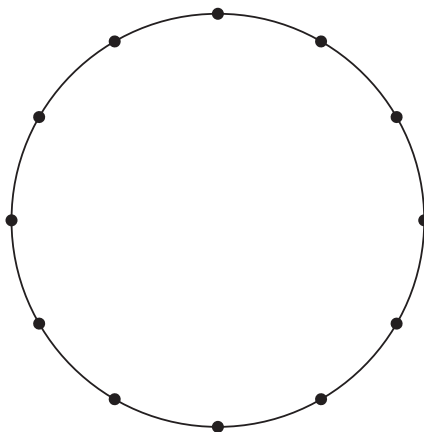
17

[2009]

The twelve points on this circle are equally spaced.

Join four points to make a **square**.

Use a ruler.



[1 mark]

18

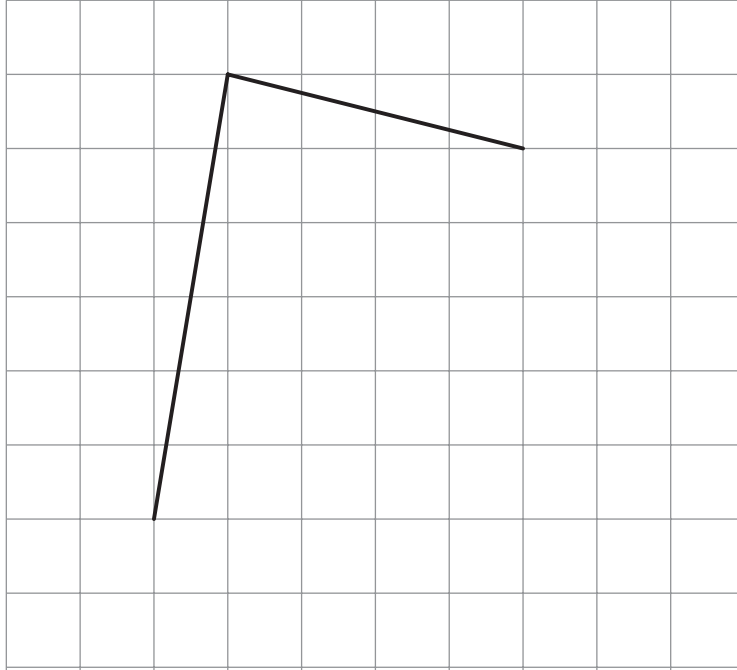
Here is a square grid.

[2011]

Two sides of a kite are drawn on the grid.

Complete the kite by drawing the two missing sides.

Use a ruler.



[1 mark]

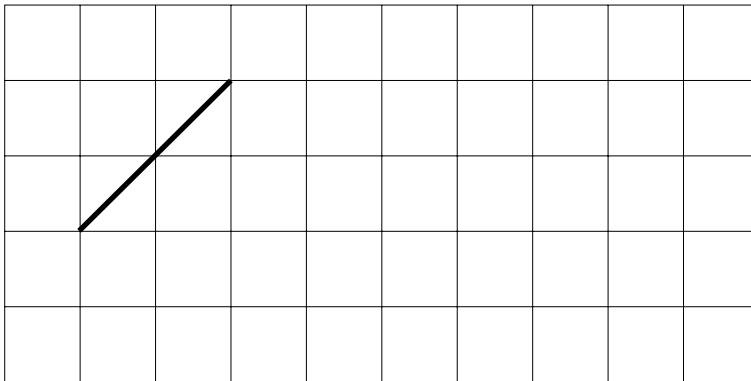
19

This is a centimetre grid.

[2001]

Draw **3 more lines** to make a **parallelogram** with an **area of 10cm^2**

Use a ruler.



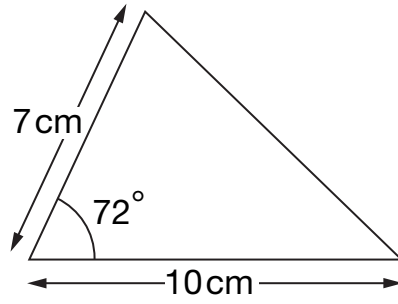
[2 marks]

20

Here is a sketch of a triangle.

[2006]

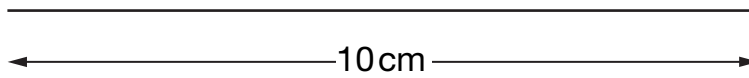
It is not drawn to scale.



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

Use a protractor (angle measurer) and a ruler.

One line has been drawn for you.



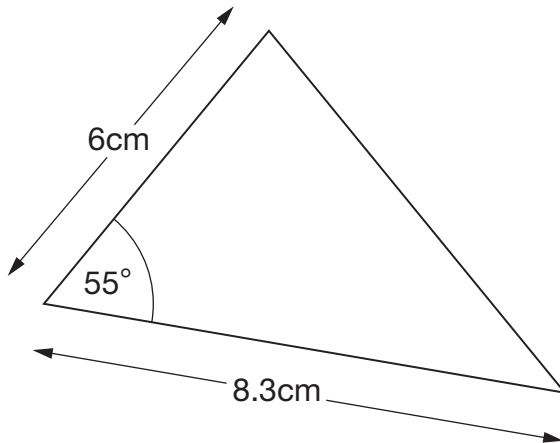
[2 marks]

21

Here is a sketch of a triangle.

[2014]

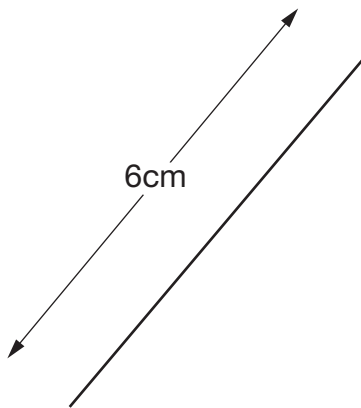
It is not drawn to scale.



Draw the full-size triangle accurately below.

Use a protractor (angle measurer) and a ruler.

One line has been drawn for you.



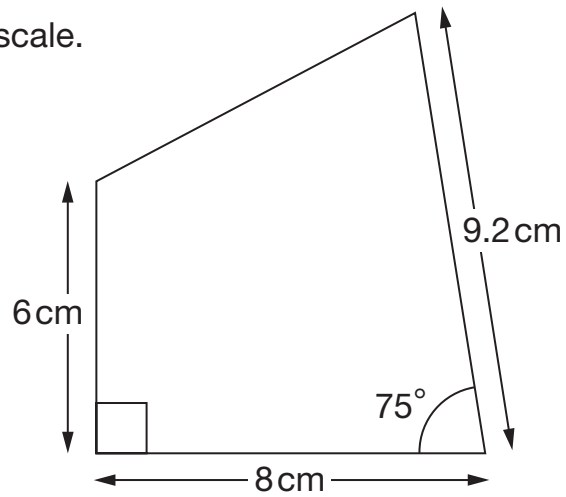
[2 marks]

22

Here is a sketch of a quadrilateral.

[2011]

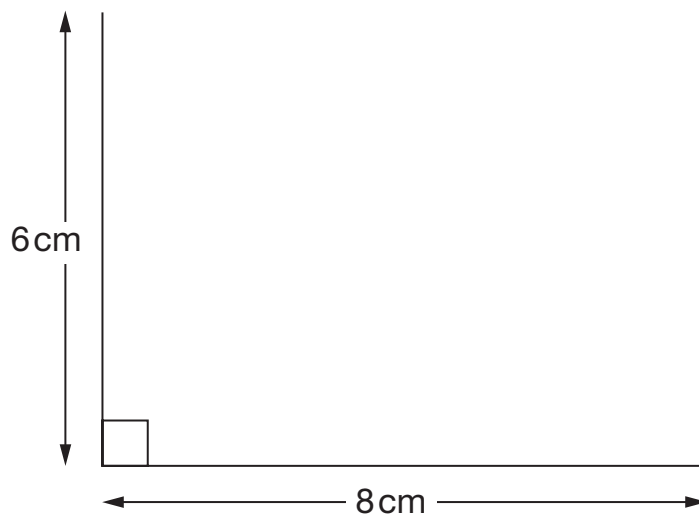
It is not drawn to scale.



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

Use a protractor (angle measurer) and a ruler.

Two of the lines have been drawn for you.



[2 marks]

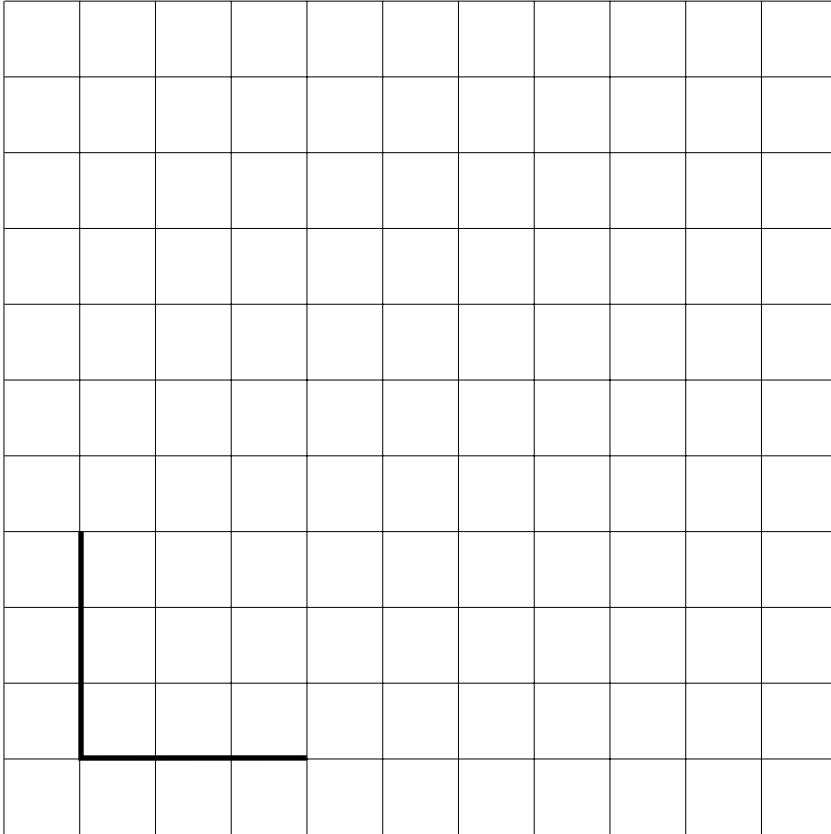
23

Here is a centimetre grid.

[2002]

Draw **two** more lines to make a **quadrilateral** with an area of **18cm²**

Use a ruler.



[1 mark]