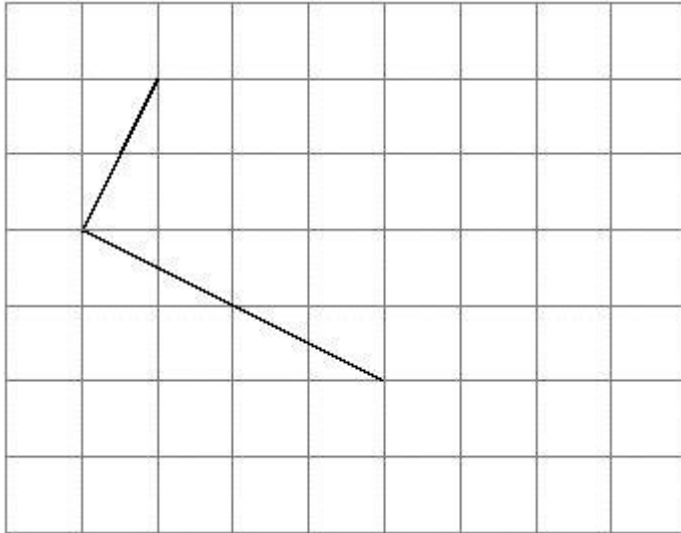


Q1.

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

Use a ruler.



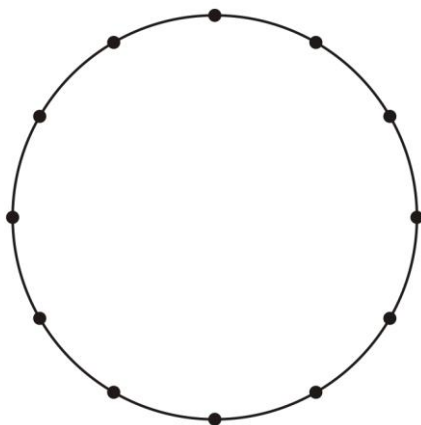
1 mark

Q2.

The twelve points on this circle are equally spaced.

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

Use a ruler.

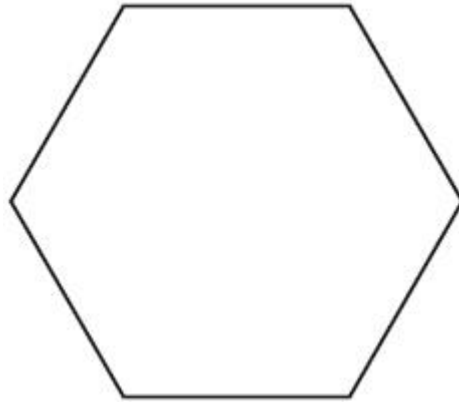


1 mark

Q3.

Here is a hexagon.

Draw **two** straight lines across the hexagon to make two triangles and two quadrilaterals.

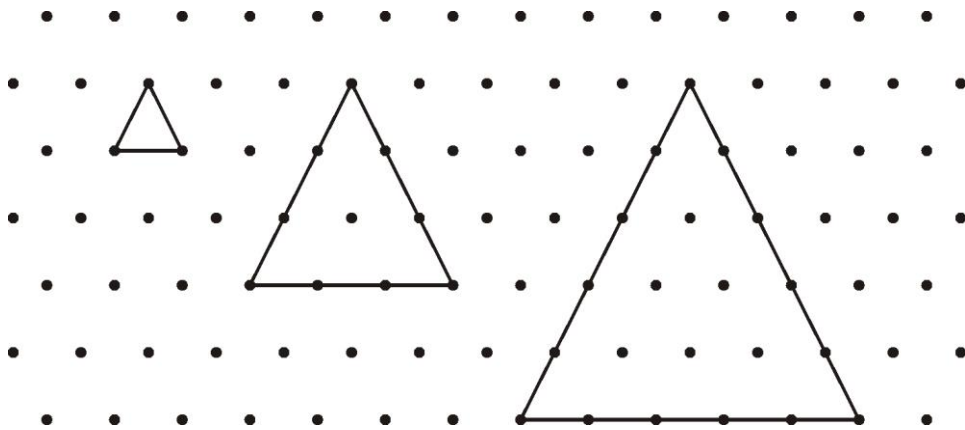


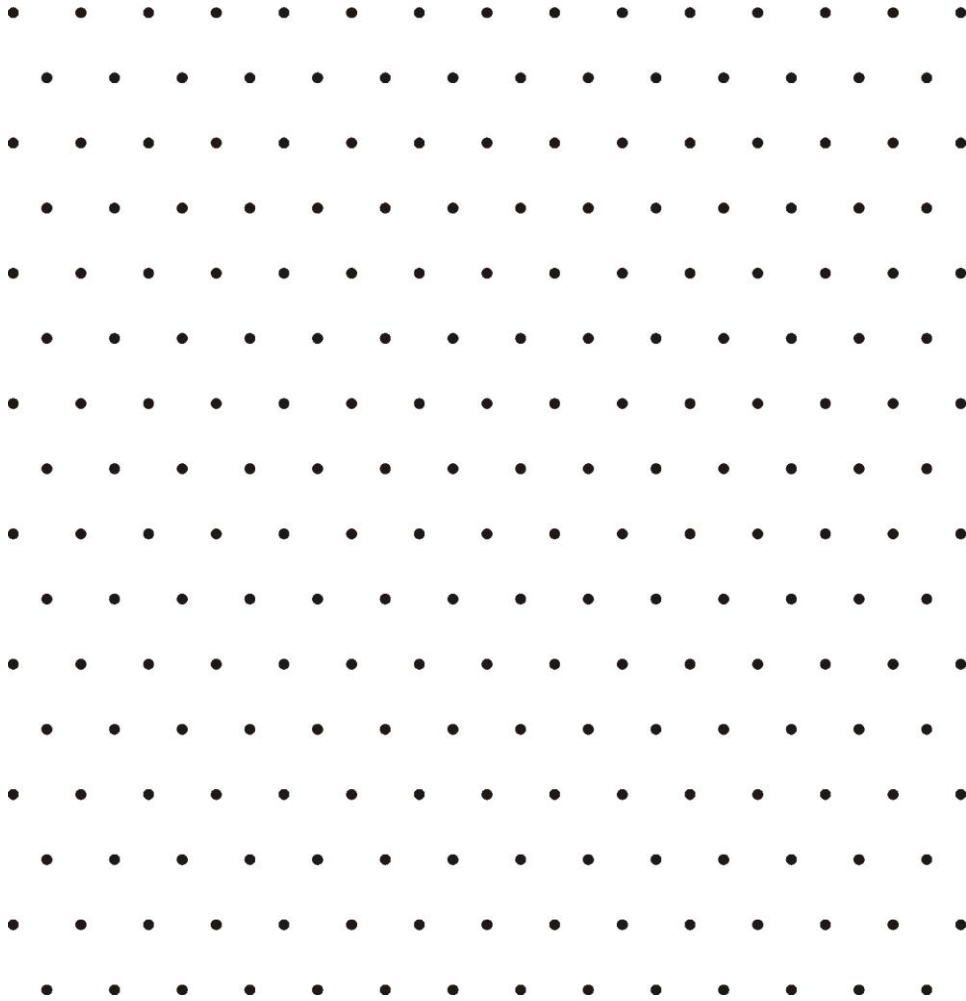
1 mark

Q4.

Use the blank dotted grid to draw the next triangle in the sequence.

You may use a ruler.



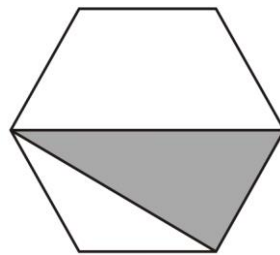
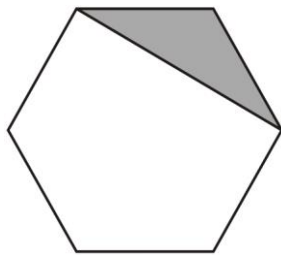


1 mark

Q5.

These two shaded triangles are each inside a regular hexagon.

Under each hexagon, put a ring around the correct name of the shaded triangle.



- equilateral
- isosceles
- scalene

- equilateral
- isosceles
- scalene

1 mark

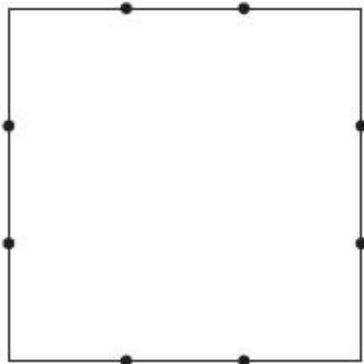
Q6.

This square has two dots on each side.

The dots are equally spaced.

Join two dots to divide the square into **two equal parts**.

Use a ruler.

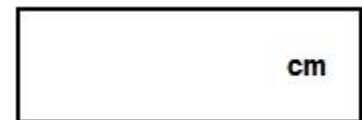


1 mark

Q7.

A bicycle wheel has a diameter of 64 cm.

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

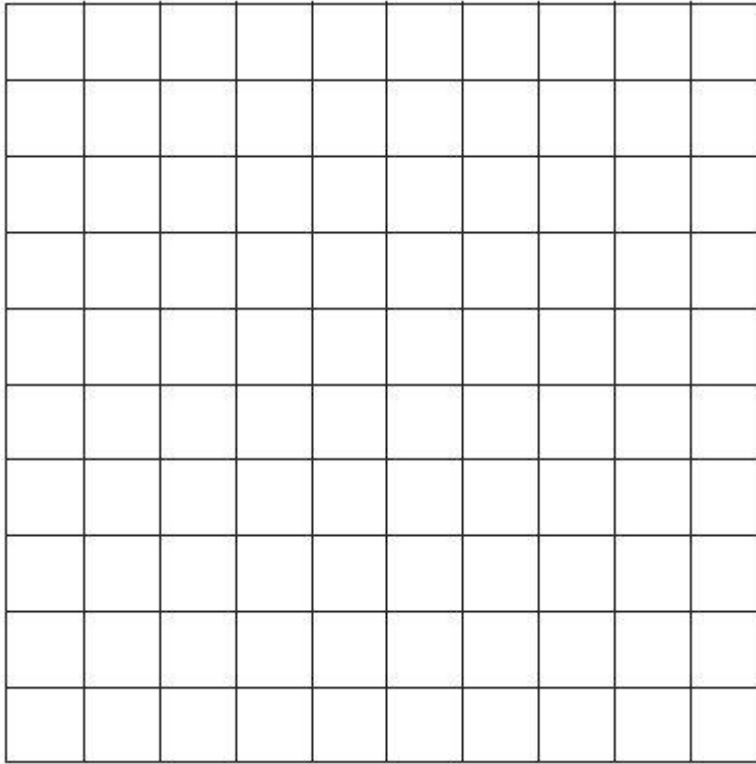


1 mark

Q8.

Here is a centimetre grid.

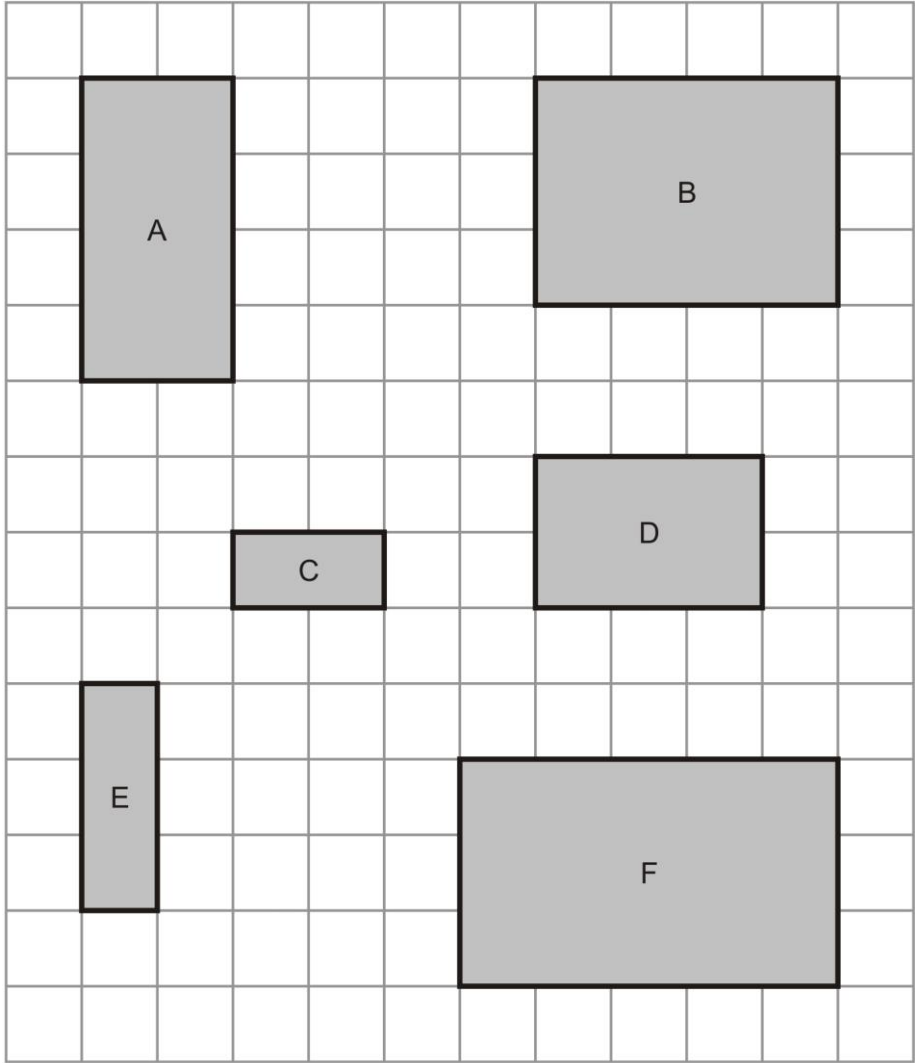
Draw a **rectangle** whose **longer sides** are **6 cm**



1 mark

Q9.

Here are six rectangles on a grid.



Which **two** rectangles fit together, without overlapping, to make a **square**?



and

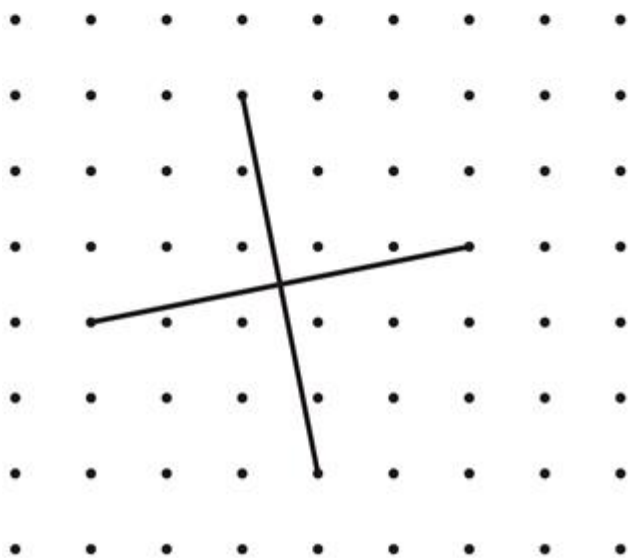
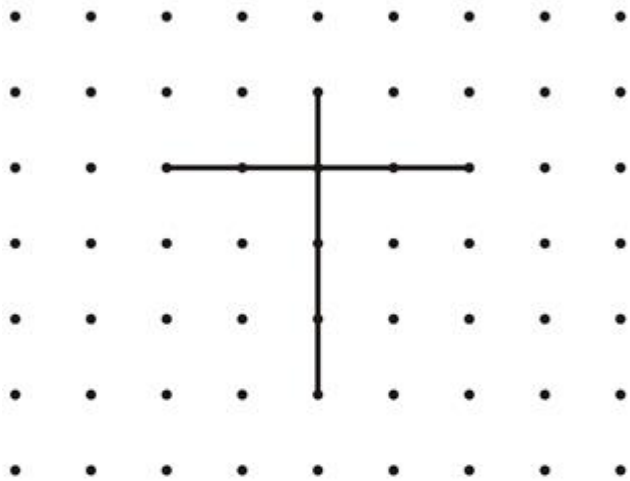
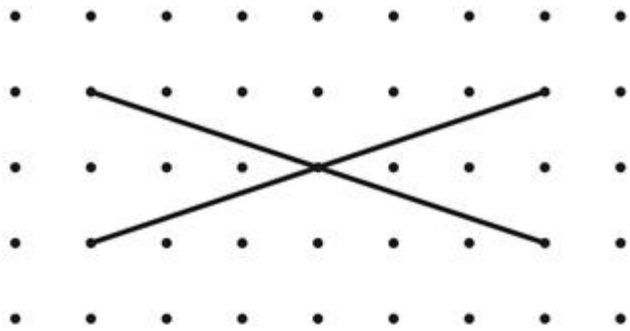


1 mark

Q10.

These diagrams show the **diagonals** of three **quadrilaterals**.

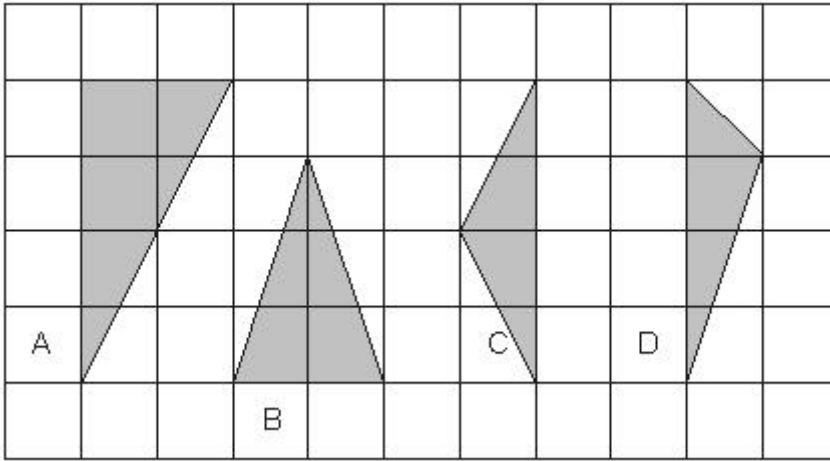
Write the names of the quadrilaterals in the boxes.



2 marks

Q11.

Here are four triangles on a square grid.



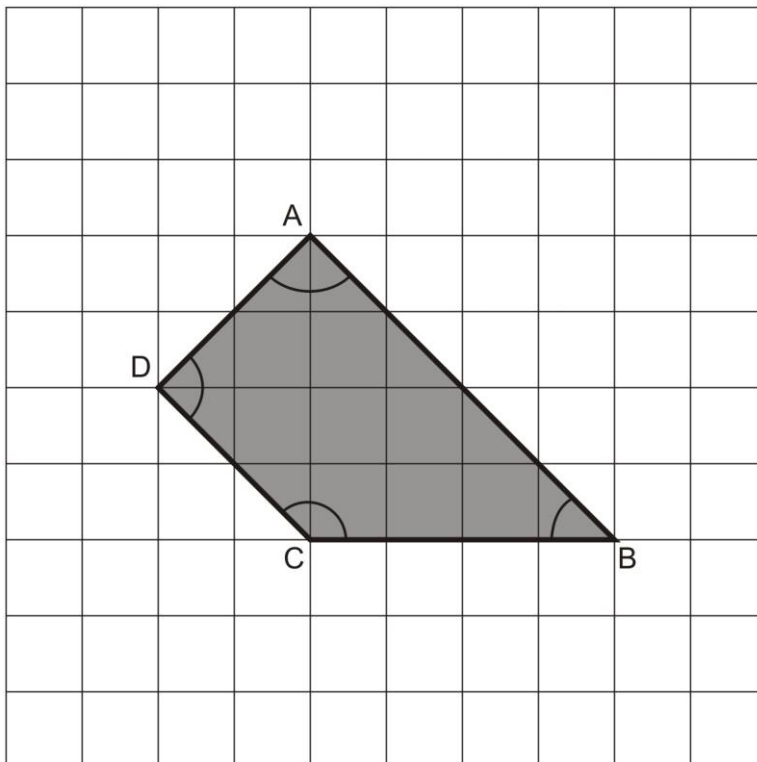
Write the letters of the **two isosceles** triangles.

and

1 mark

Q12.

Here is a shape on a square grid.



For each sentence, put a tick (✓) if it is true.

Put a cross (X) if it is not true.

Angle **C** is an **obtuse** angle.

Angle **D** is an **acute** angle.

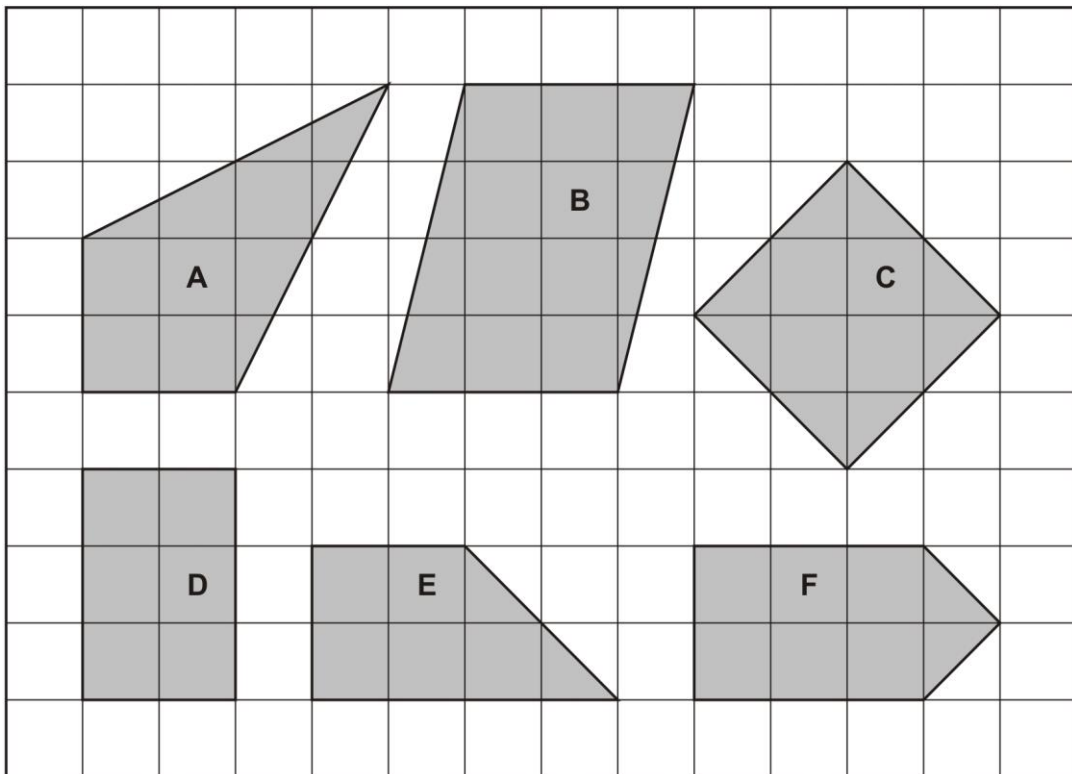
Line **AD** is **parallel** to line **BC**.

Line **AB** is **perpendicular** to line **AD**.

2 mark

Q13.

Look at these shapes.



Complete the sentences below.

One has been done for you.

_____ **A** _____ is a kite

_____ is not a quadrilateral

_____ has only 2 right angles

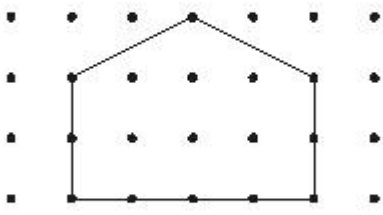
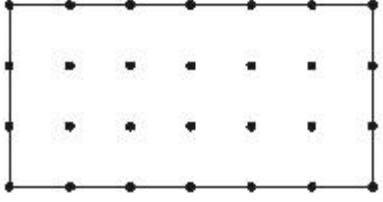
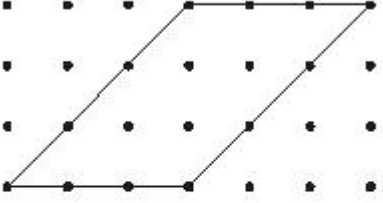
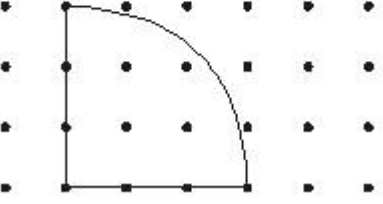
_____ has 2 acute angles

2 marks

Q14.

Put ticks (✓) and crosses (X) on the chart to complete it correctly.

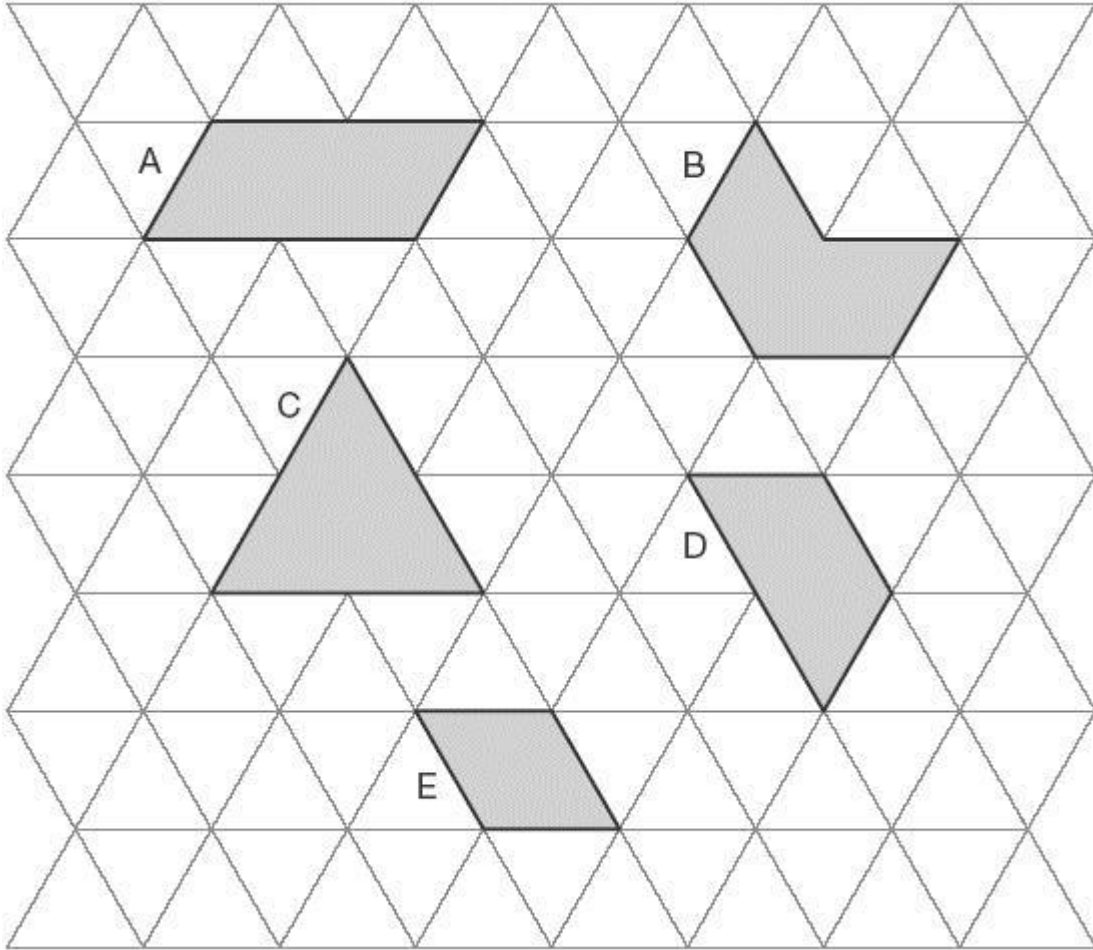
One has been done for you.

Shape	It is a quadrilateral	It has one or more right angles
	X	✓
		
		
		

2 marks

Q15.

Here are five shapes made from equilateral triangles.



Write the letter of the shape that is a **rhombus**.

1 mark

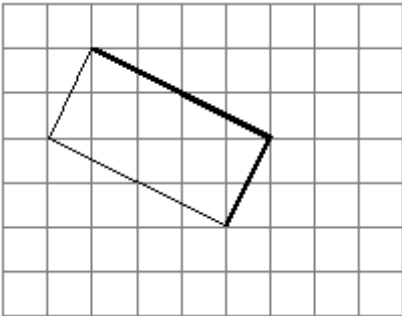
Write the letter of the shape that has only **one** pair of parallel sides.

1 mark

Mark schemes

Q1.

Completion of rectangle as shown:



Accept slight inaccuracies in drawing provided the intention is clear.

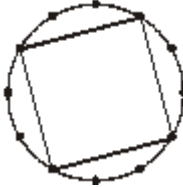
[1]

Q2.

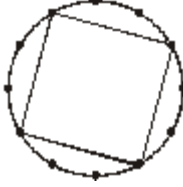
Square drawn as shown:



OR



OR



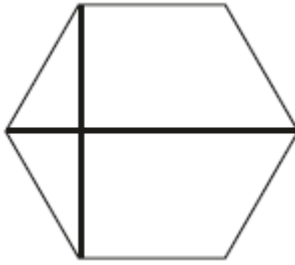
Accept slight inaccuracies in drawing, provided the intention is clear.

U1

[1]

Q3.

Diagram completed as shown:



OR



Accept slight inaccuracies in drawing, provided the intention is clear.

Diagrams may be completed in any orientation.

U1

[1]

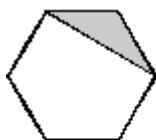
Q4.

Draws an equilateral triangle with sides 7 units long

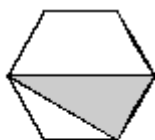
[1]

Q5.

Correct names indicated as shown:



equilateral
isosceles
 scalene



equilateral
 isosceles
scalene

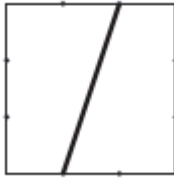
Accept alternative, unambiguous indications such as underlining the correct name.

Both must be correct for the award of the mark.

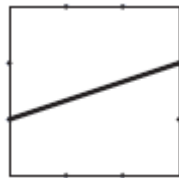
[1]

Q6.

Dots joined to divide square into two congruent parts, eg



OR



*Accept slight inaccuracies in drawing.
Accept more than one answer if all are correct.*

U1

[1]

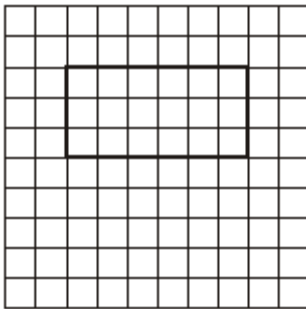
Q7.

32

[1]

Q8.

Any rectangle drawn on the grid whose longer sides are 6 cm, eg



Accept slight inaccuracies in drawing, provided the intention is clear.

Do not accept a 6 cm square.

[1]

Q9.

D AND E

Letters may be written in either order.

*Accept A **AND** A.*

*Accept C **AND** C.*

U1

[1]

Q10.

Award **TWO** marks for all three shape names written in the correct order as shown:

- rectangle
- kite
- square

If the answer is incorrect, award **ONE** mark for two shape names written in the correct order.

Accept recognisable misspellings.

For the first shape, accept oblong or parallelogram.

*For the third shape, accept rhombus or parallelogram but **do not** accept diamond.*

Up to 2

[2]

Q11.

B AND C

Answers may be given in either order.

[1]

Q12.

Award **TWO** marks for the boxes ticked and crossed as shown:



If the answer is incorrect, award **ONE** mark for any three boxes ticked or crossed correctly **OR** two boxes correctly ticked and the other two boxes left blank.

Up to 2

[2]

Q13.

Award **TWO** marks for all three letters in the correct order as shown:

F

E

B

If the answer is incorrect, award **ONE** mark for two of the three letters correct.

Up to 2

[2]

Q14.

x	✓
✓	✓
✓	x
x	✓

Accept alternative unambiguous indications such as Y and N.

(a) First column of table completed correctly.

1

(b) Second column of table completed correctly.

1

[2]

Q15.

(a) E

1

(b) D

1

[2]