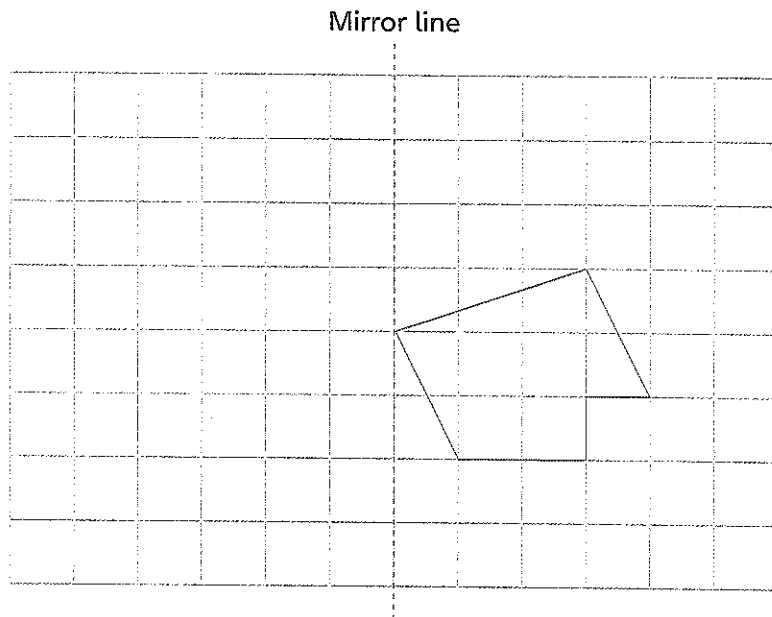


Test 7: Geometry

1 Draw the reflection of the shape in the mirror line.

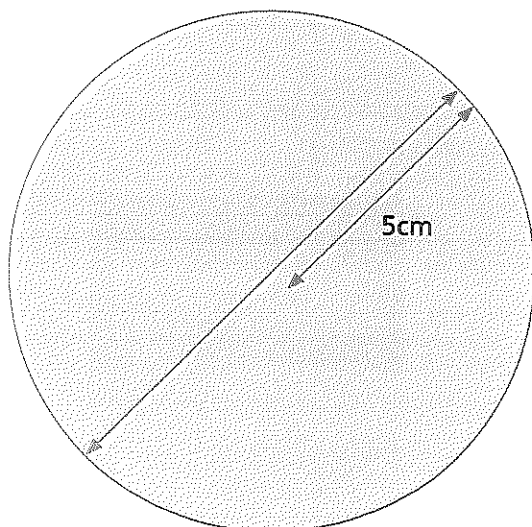
Use a ruler.



1 mark

2 Look at this diagram of a circle.

Choose one word to complete the sentence.



radius

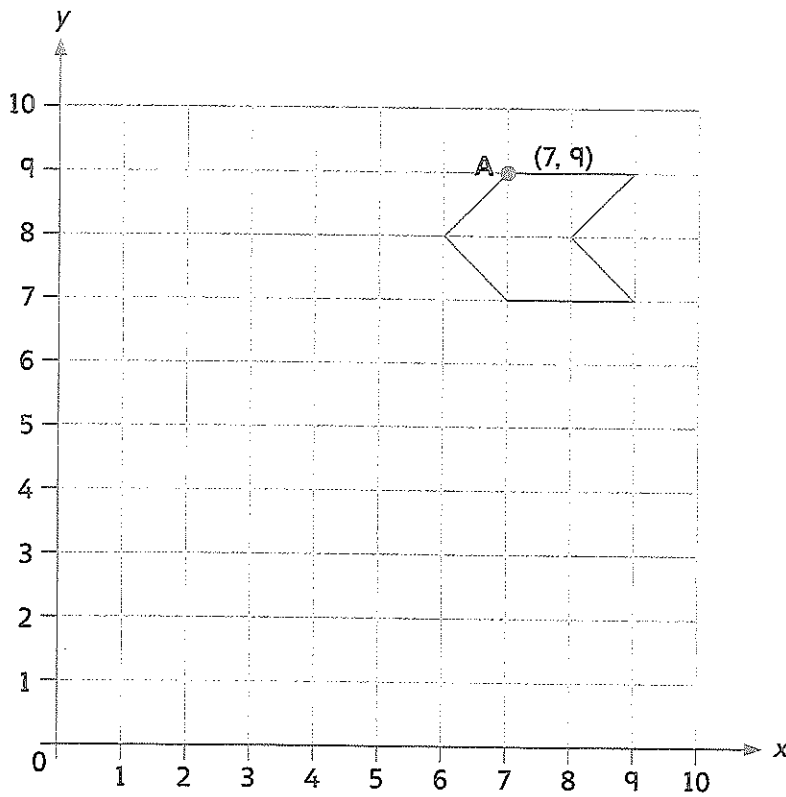
diameter

circumference

The of the circle is 10cm.

1 mark

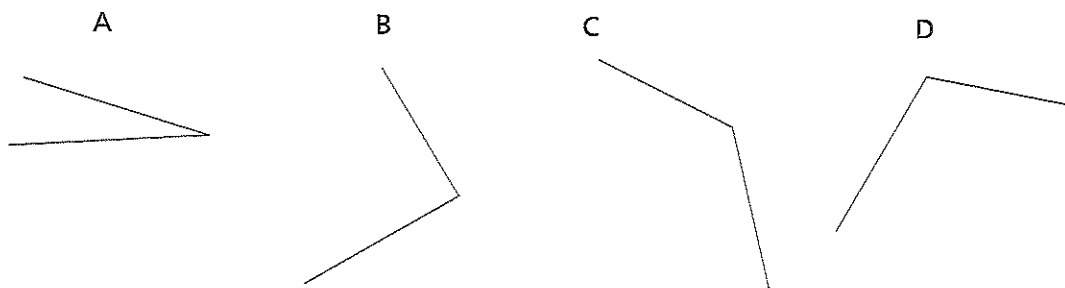
- 3 The shape is translated so that point A moves to (4,4).
Draw the shape in its new position.



1 mark

- 4 Sort the angles into the table.

One has been done for you.

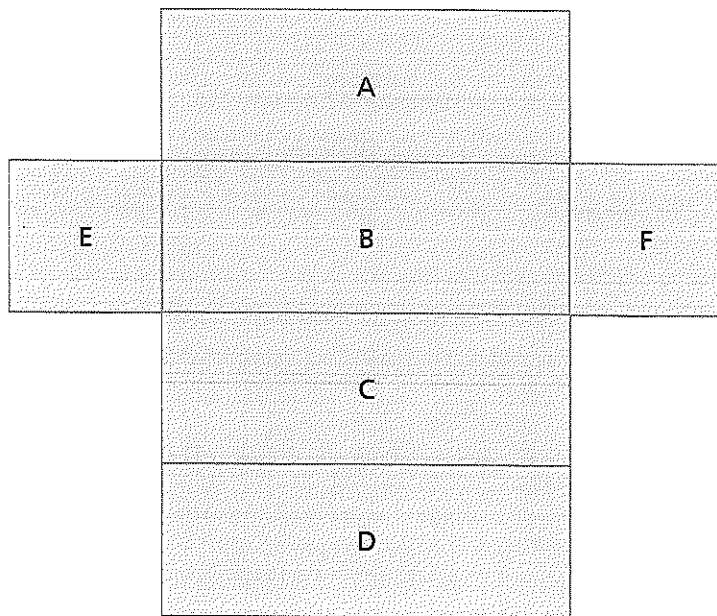


Right angles	Acute angles	Obtuse angles
	A	

1 mark

5 This is a net of a cuboid.

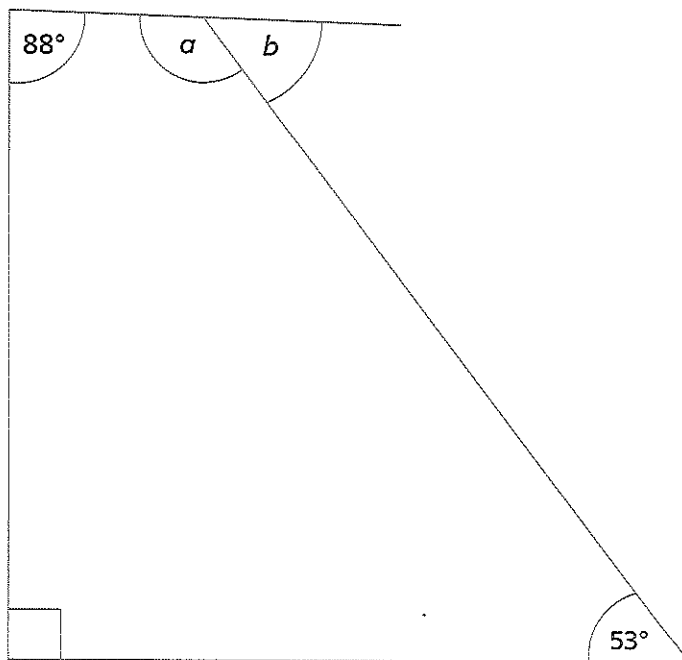
Put a cross on the face which will be opposite face B when the cuboid is made.



1 mark

6 Calculate the size of angles a and b .

Do not use a protractor.



$a =$

$b =$



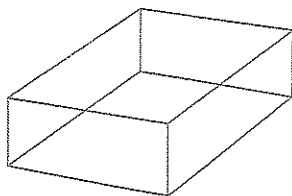
2 marks

7 Draw a pentagon that has three right angles.

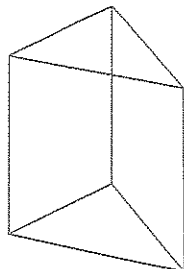


1 mark

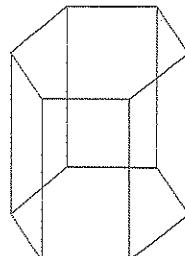
8 Tick the three statements that are true.



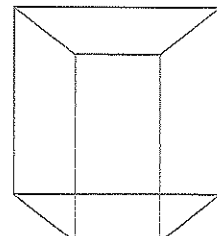
A



B



C



D

A, B, C and D are prisms.

B and D are triangular prisms.

C has 8 faces and 18 edges.

A has 6 faces, 12 vertices and 18 edges.

B has 5 faces, 6 vertices and 9 edges.



2 marks

Total marks Time taken