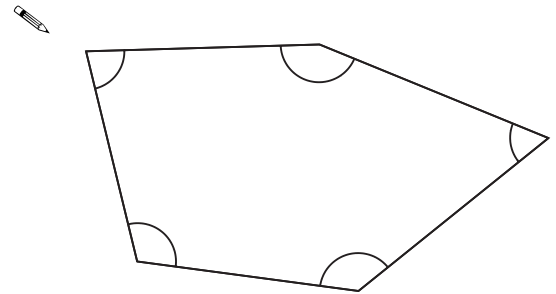


1. Look at this shape.

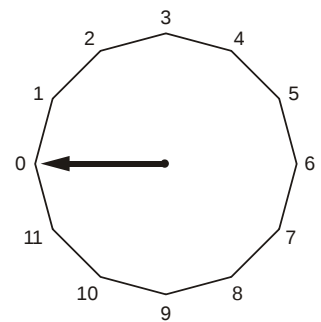
Tick (✓) each angle that is **less** than a right angle.



2. This regular 12-sided shape has a number at each vertex.

Ben turns the pointer from zero, clockwise through 150°

Which number will the pointer now be at?.....

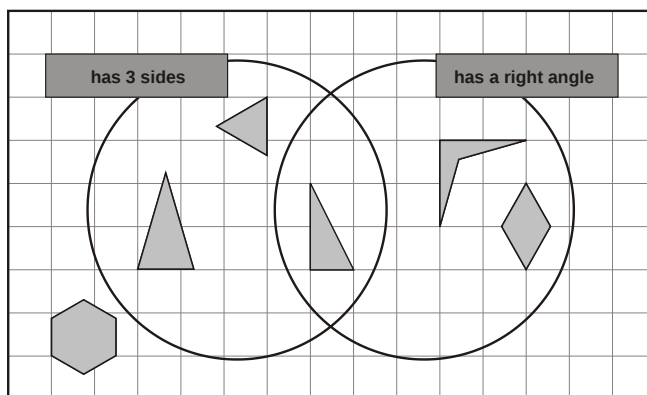


Nisha turns the pointer clockwise from number 2 to number 11

Through how many degrees does the pointer turn?.....

3. Here is a diagram for sorting shapes.

One of the shapes is in the wrong place.
Put a cross (✗) on it.



4. Jamie draws a triangle.

He says,

'Two of the three angles in my triangle are obtuse'.

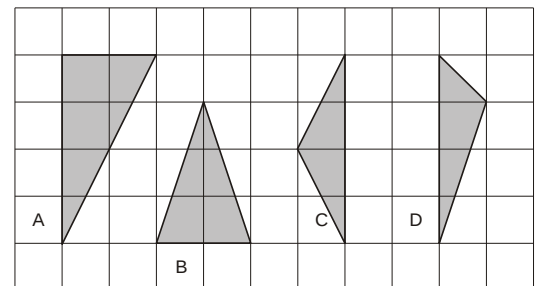
Explain why Jamie **cannot** be correct.

.....

5. Here are four triangles on a square grid.

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

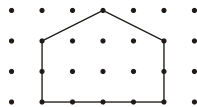
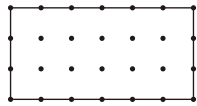
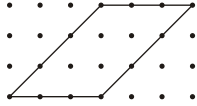
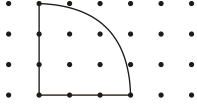
 and



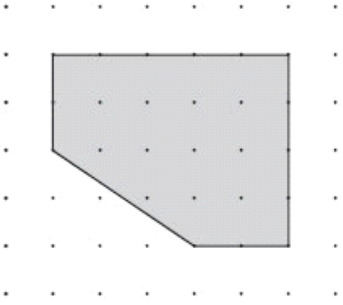
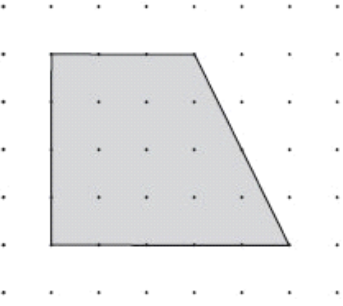
6. Put ticks (✓) and crosses (✗) on the chart to complete it correctly.

One has been done for you.



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

7. Complete the table.

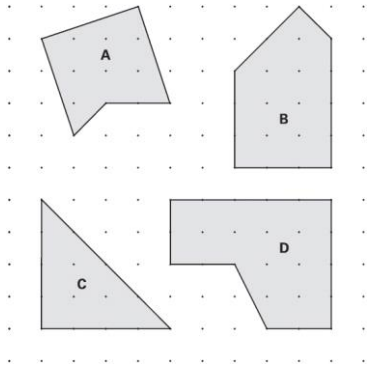
shape	number of right angles
	
	

8. Here are four shapes.

They each have a different number of right angles.

Write the letter for each shape in the correct order.

One has been done for you.



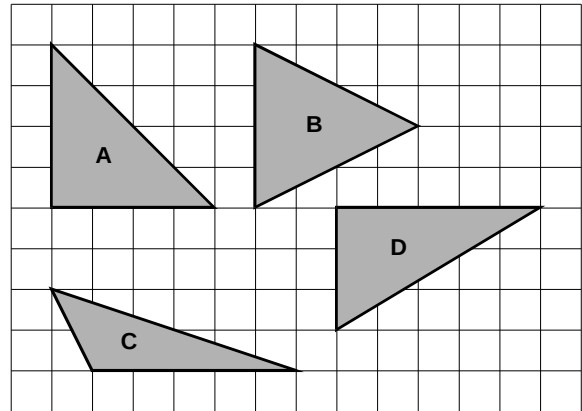
fewest right angles			most right angles
C			

1 mark

9. Here are four triangles drawn on a square grid.

Write the letter for each triangle in the correct region of the sorting diagram.

One has been done for you.



	has a right angle	has an obtuse angle	has 3 acute angles
is isosceles	A		
is not isosceles			

10. Here is a shape on a square grid.

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

Put a cross (✗) if it is not true.

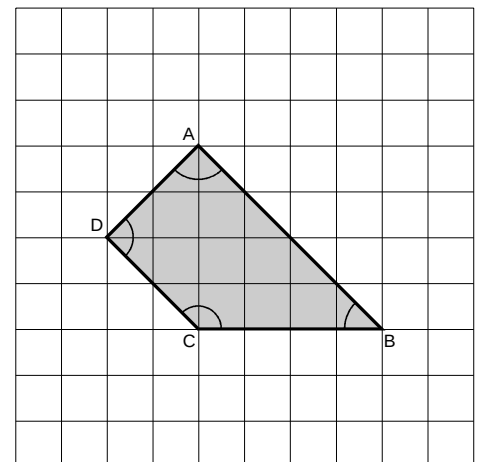


Angle **C** is an **obtuse** angle.

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

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

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

☐
☐
☐
☐


2 marks