

Q1.

Anna has four **different** triangles.

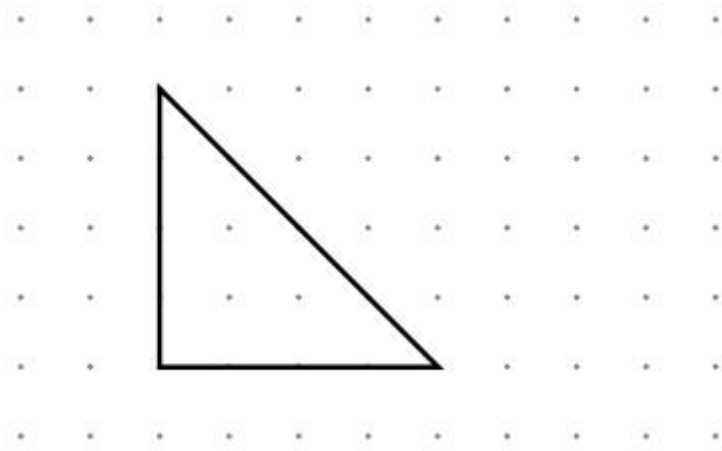
Complete the table to show the size of the angles in each triangle.

Type of triangle	Angle 1	Angle 2	Angle 3
Isosceles	90°		
Right-angled	80°		
Isosceles	70°		
Isosceles	70°		

Q2.

Here is a triangle.

Two of its sides are 4 cm and **two** of its angles are 45°



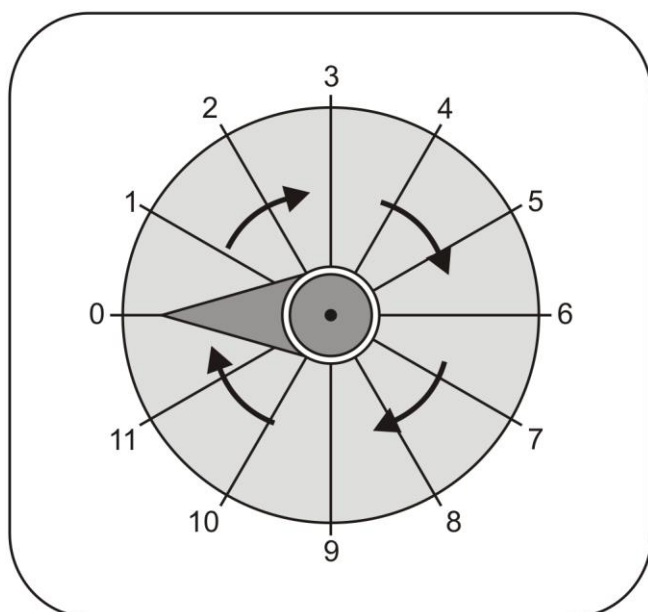
Join dots to make a different triangle.

Make **only one** of its sides 4 cm and **only one** of its angles 45°



Q3.

Here is a dial.



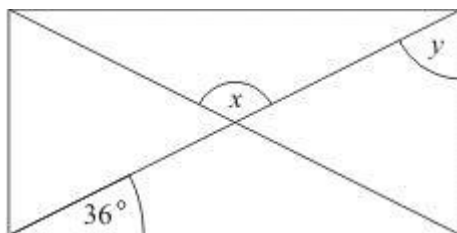
The pointer on this dial turns in a **clockwise** direction.
The pointer is at **0**.

Which **number** does it point to after a turn of **270°**?

The pointer moves from **10** to **11**
How many **degrees** does it turn through?

Q4.

The diagram shows a rectangle.



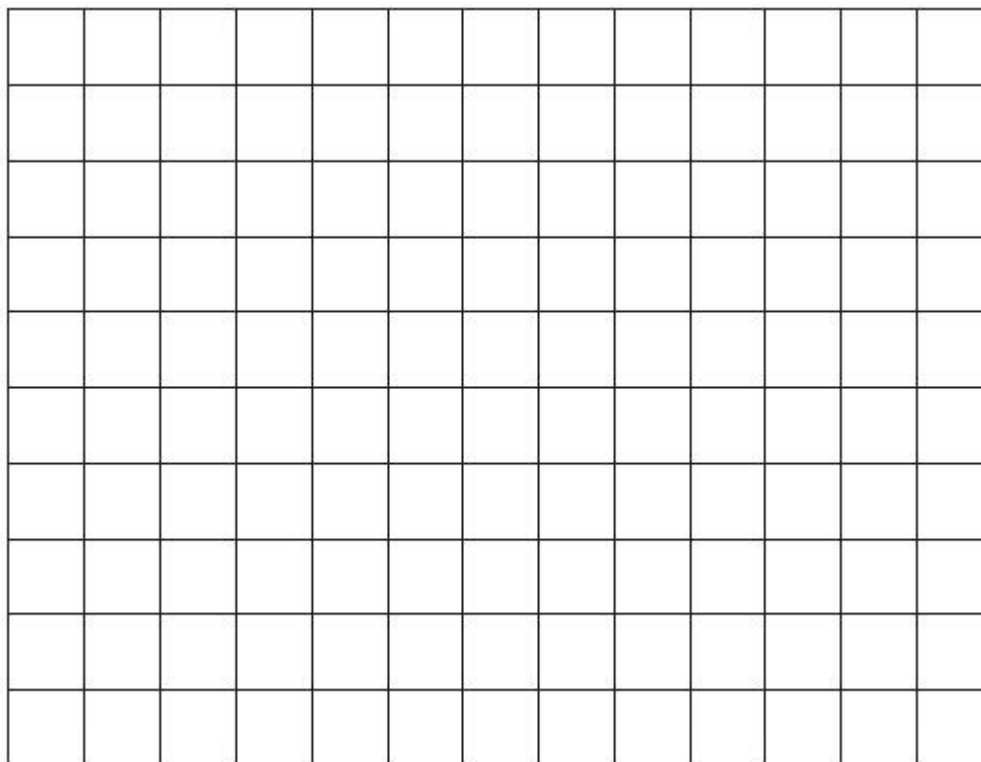
Calculate angles x and y .

$x =$

$y =$

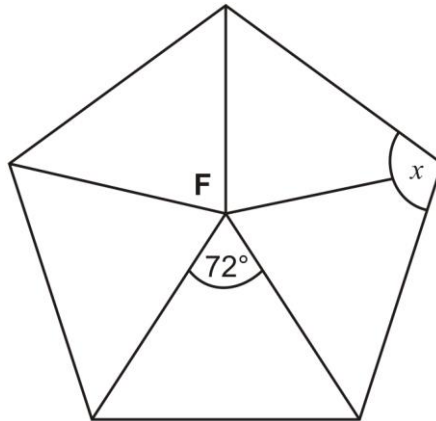
Q5.

Draw a **pentagon** that has **three right angles**.



Q6.

F is the centre of a **regular** pentagon.



Work out the value of **angle** x without using an angle measurer.

You **MUST** explain how you worked out your answer.

