

Find missing angles in a triangle

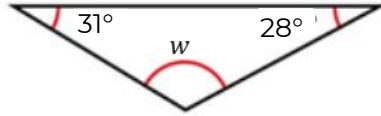
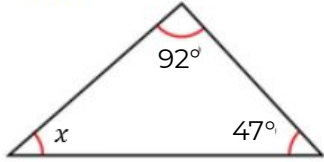
Maths

Mr Clasper

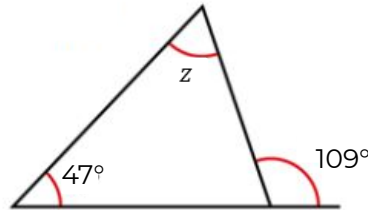
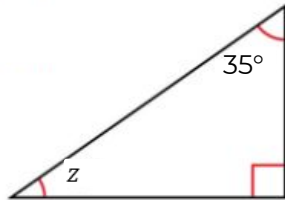


Find missing angles in a triangle

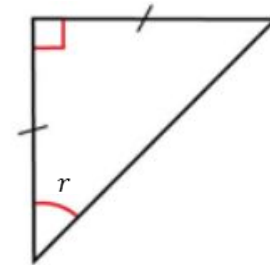
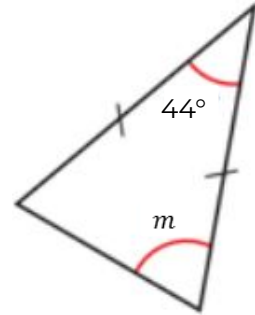
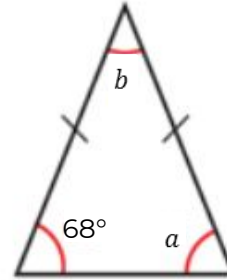
1. Calculate the missing angles.



2. Work out the size of angle z in each triangle.

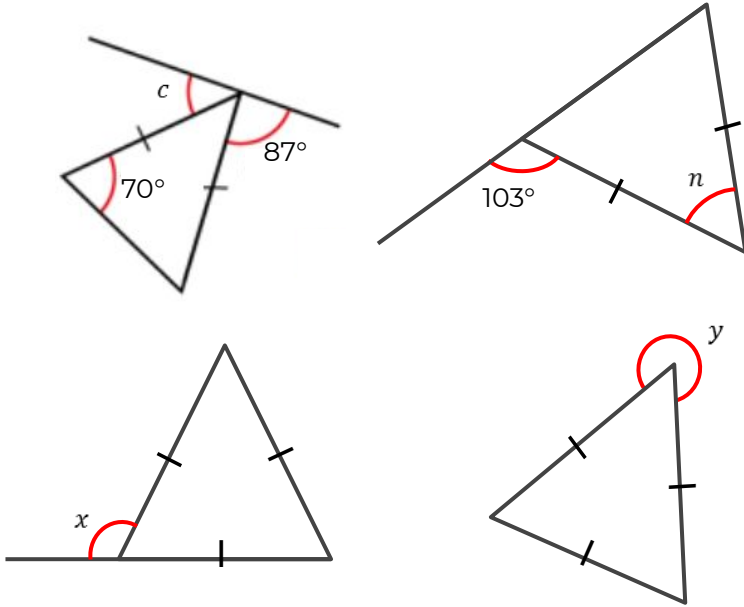


3. Find the missing angle in each of the isosceles triangles.

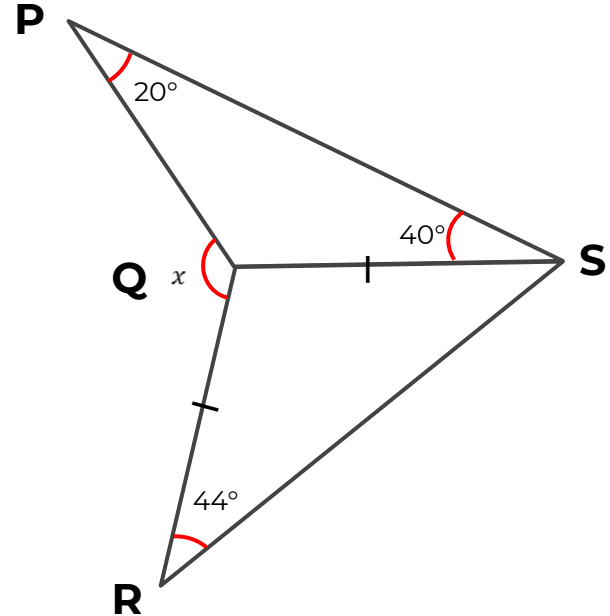


Find missing angles in a triangle

4. Find the missing angles in each diagram.



5. PQS and QRS are triangles.
Find the angle x .

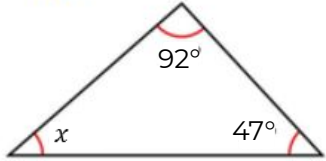


Answers

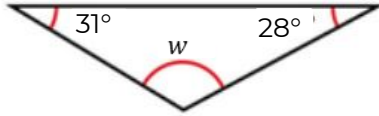


Find missing angles in a triangle

1. Calculate the missing angles.

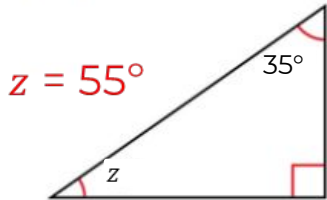


$$x = 41^\circ$$

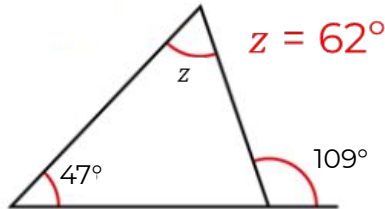


$$w = 121^\circ$$

2. Work out the size of angle z in each triangle

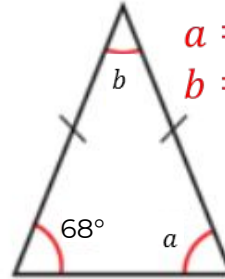


$$z = 55^\circ$$

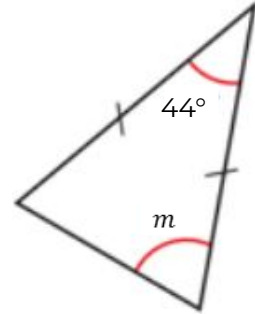


$$z = 62^\circ$$

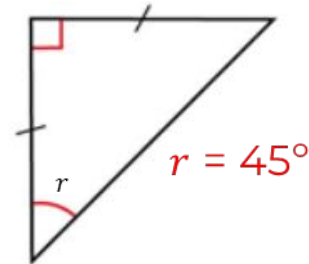
3. Find the missing angle in each of the isosceles triangles.



$$a = 68^\circ$$
$$b = 44^\circ$$



$$m = 68^\circ$$

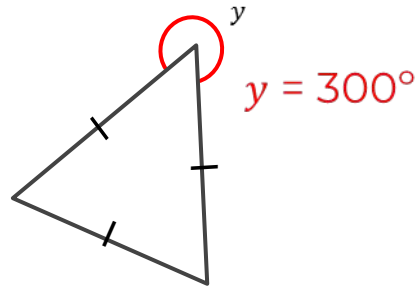
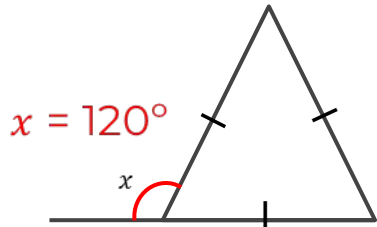
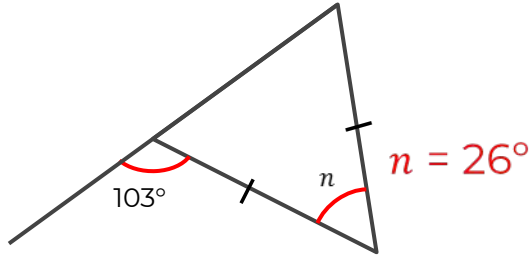
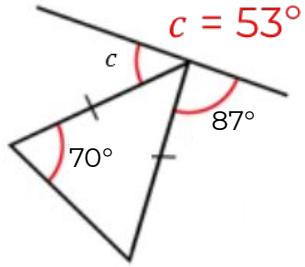


$$r = 45^\circ$$



Find missing angles in a triangle

4. Find the missing angles in each diagram.



5. PQS and QRS are triangles. Find the angle x .

