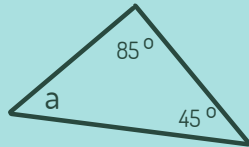


Angles in Triangles

Example

The sum of angles in a triangle is 180°



$$a + 85^\circ + 45^\circ = 180^\circ$$

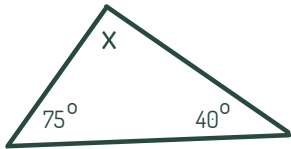
$$a + 130^\circ = 180^\circ$$

$$a = 180^\circ - 130^\circ$$

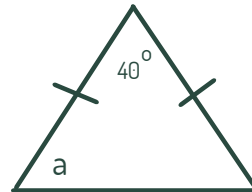
$$a = 50^\circ$$

Find the size of the unknown angles in each figure!

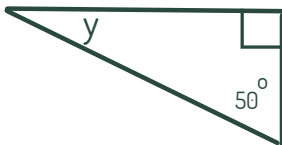
1.



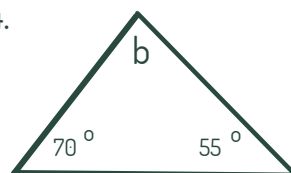
3.



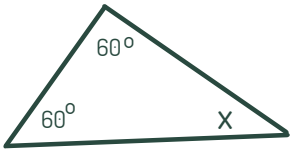
2.



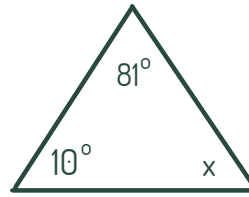
4.



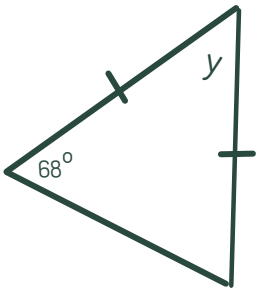
5.



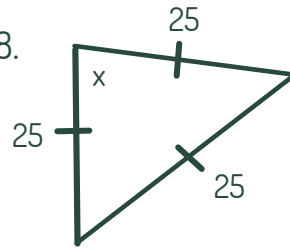
6.



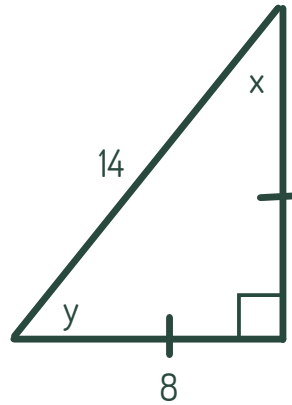
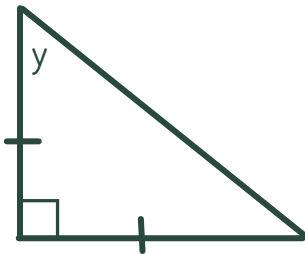
7.



8.



9.

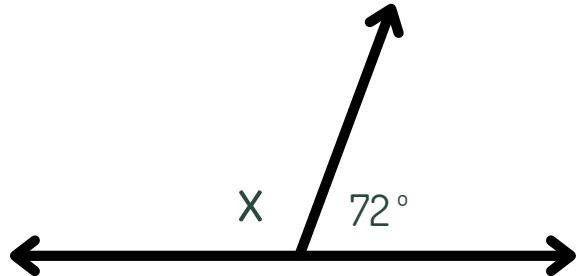


10. $x - y =$

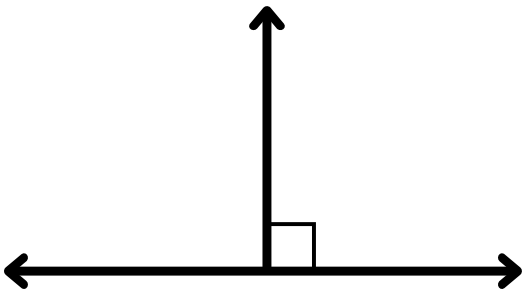
- a) 45
- b) 14
- c) 8
- d) 0

Angles of a Line

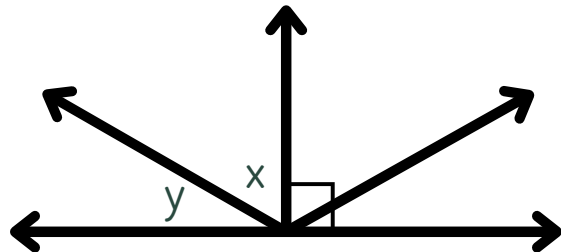
1) What is the value of x ?



2) What is the value of x ?



3) What is the value of $x + y$?



4) What is the value of x ?

