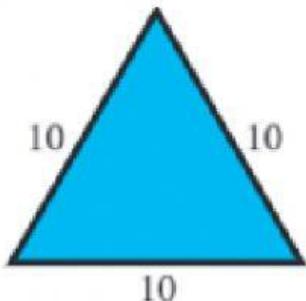


## Triangles – End of Unit Quiz

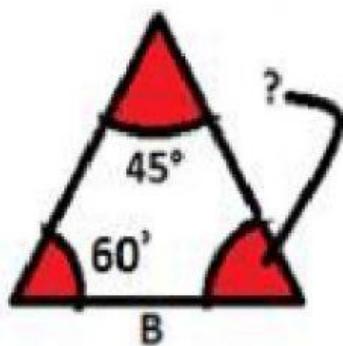
Choose the right option- only one is correct

1-Which is the correct description for this triangle?



- a- It's a right scalene triangle.
- b- It's an equilateral triangle.
- c- It's an isosceles obtuse triangle.
- d- It's an isosceles acute triangle.

2-What is the measure of the missing angle?



- a-  $60^\circ$
- b-  $75^\circ$
- c-  $45^\circ$
- d-  $180^\circ$

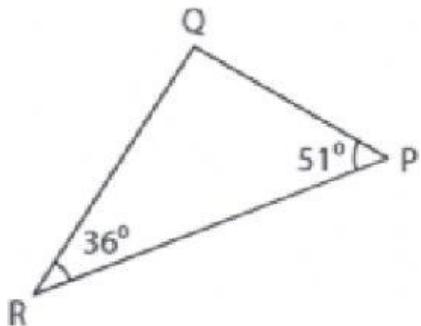
3- Does this set of angles form a triangle?

$86^\circ, 53^\circ, 41^\circ$

a- Yes, it does.

b- No, it doesn't.

4- Is this answer correct?

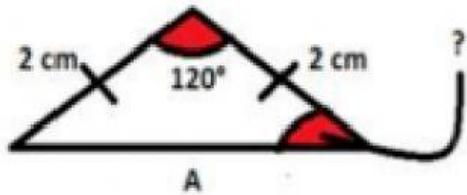


$$m\angle Q = \underline{\hspace{2cm}} \textcolor{red}{93^\circ}$$

a- Yes, it is.

b- No, it isn't.

5- What is the measure of the angle marked?



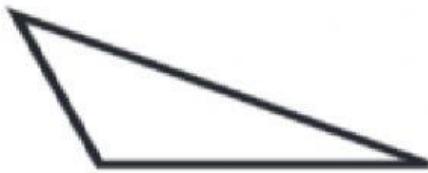
a-  $60^\circ$

b-  $80^\circ$

c-  $30^\circ$

d-  $20^\circ$

6- Which is the correct classification for this triangle?



- a- Isosceles triangle because it has two congruent sides.
- b- Equilateral triangle because it has three congruent sides.
- c- Scalene triangle because it has no congruent sides.

7- A triangular park has two congruent sides and one right angle. What type of triangle is it?

- a- Isosceles acute triangle.
- b- Isosceles right triangle.
- c- Right scalene triangle.
- d- Obtuse isosceles triangle.

8- A scalene triangle can have all three equal angles.

- a- Yes.
- b- No.

9- All angles of an equilateral triangle must be acute.

- a- Yes.
- b- No.

10-In every equilateral triangle, each angle is always 60°.

- a- False.
- b- True.