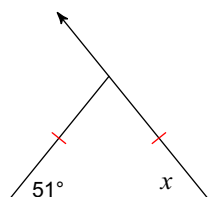


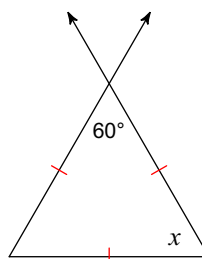
Find the value of x .

1)



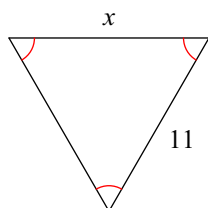
- A) 51° B) 36°
 C) 61° D) 53°

2)



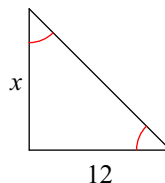
- A) 49° B) 60°
 C) 48° D) 46°

3)



- A) 11 B) 7
 C) 6 D) 12

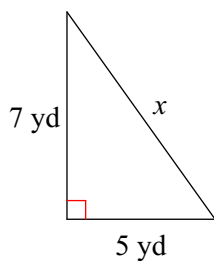
4)



- A) 11 B) 12
 C) 9 D) 6

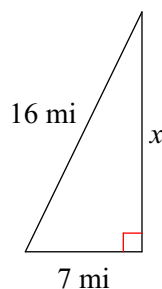
Find the missing side of each triangle. Leave your answers in simplest radical form.

5)



- A) $\sqrt{123}$ yd B) $\sqrt{74}$ yd
 C) $2\sqrt{6}$ yd D) $3\sqrt{11}$ yd

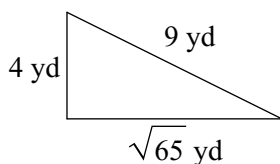
6)



- A) $\sqrt{463}$ mi B) $3\sqrt{23}$ mi
 C) $\sqrt{158}$ mi D) $\sqrt{305}$ mi

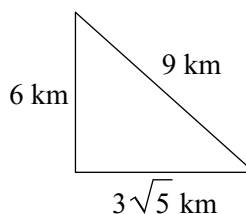
State if each triangle is acute, obtuse, or right.

7)



- A) Right B) Acute
 C) Obtuse

8)



- A) Right B) Acute
 C) Obtuse