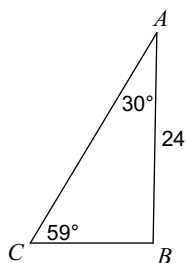


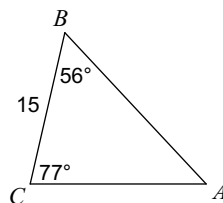
Unit 4 - WS #2 Law of Sine

Find each measurement indicated. Round your answers to the nearest tenth.

1) Find BC



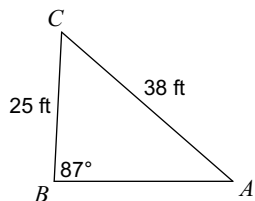
2) Find AB



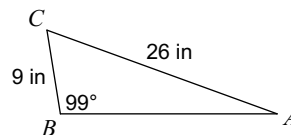
3) $m\angle B = 135^\circ$, $m\angle C = 6^\circ$, $a = 24$
Find c

4) $m\angle A = 104^\circ$, $m\angle C = 46^\circ$, $c = 23$
Find a

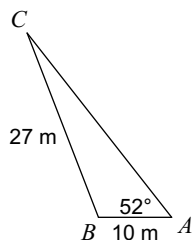
5) Find $m\angle A$



6) Find $m\angle A$

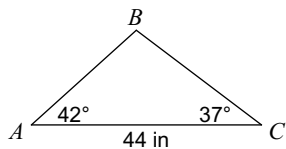


7) Find $m\angle C$



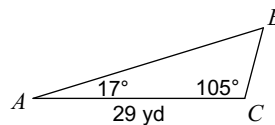
Solve each triangle. Round your answers to the nearest tenth.

8)



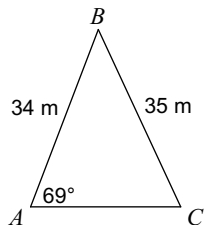
- A) $m\angle B = 101^\circ$, $a = 30$ in, $c = 27$ in
- B) $m\angle B = 101^\circ$, $a = 31$ in, $c = 27$ in
- C) $m\angle B = 101^\circ$, $a = 27$ in, $c = 27$ in
- D) $m\angle B = 101^\circ$, $a = 30$ in, $c = 25$ in

9)



- A) $m\angle B = 58^\circ$, $c = 33$ yd, $a = 9$ yd
- B) $m\angle B = 58^\circ$, $c = 33$ yd, $a = 12.9$ yd
- C) $m\angle B = 58^\circ$, $c = 33$ yd, $a = 10$ yd
- D) $m\angle B = 58^\circ$, $c = 34$ yd, $a = 13$ yd

10)



- A) $m\angle B = 45.9^\circ$, $m\angle C = 65.1^\circ$, $b = 32$ m
- B) $m\angle B = 45.9^\circ$, $m\angle C = 65.1^\circ$, $b = 26.9$ m
- C) $m\angle B = 52^\circ$, $m\angle C = 59^\circ$, $b = 26.9$ m
- D) $m\angle B = 45.9^\circ$, $m\angle C = 65.1^\circ$, $b = 30$ m