

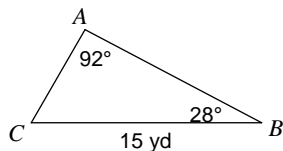
Extra Practice

Sine Law and Cosine Law

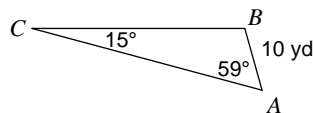
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Find each measurement indicated. Round your answers to the nearest tenth.

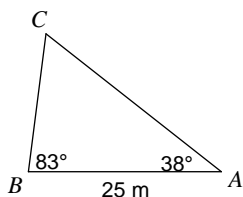
1) Find AC



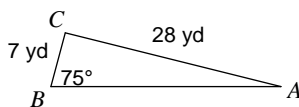
2) Find BC



3) Find AC



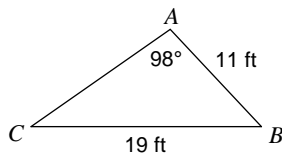
4) Find $m\angle A$



5) Find $m\angle B$

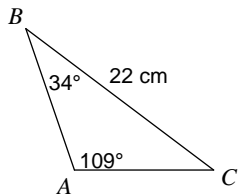


6) Find $m\angle C$

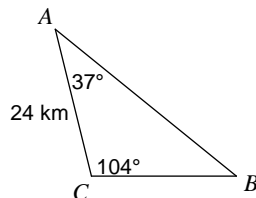


Solve each triangle. Round your answers to the nearest tenth.

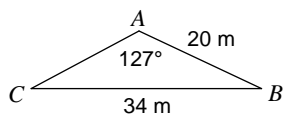
7)



8)

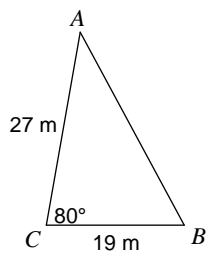


9)

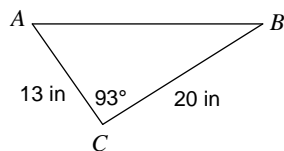


Find each measurement indicated. Round your answers to the nearest tenth.

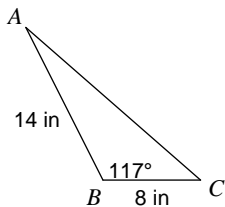
10) Find AB



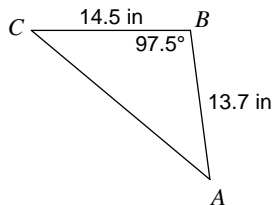
11) Find AB



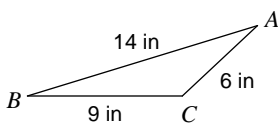
12) Find AC



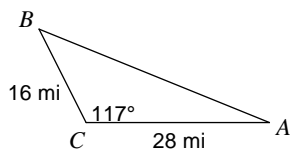
13) Find $m\angle C$



14) Find $m\angle C$

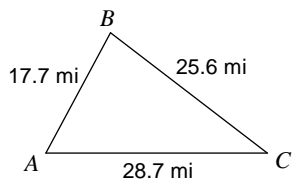


15) Find $m\angle A$

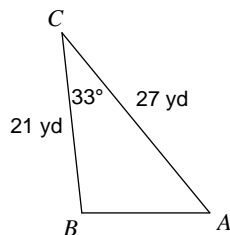


Solve each triangle. Round your answers to the nearest tenth.

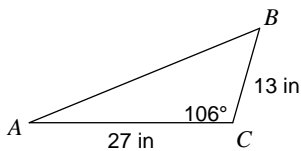
16)



17)



18)



Answers to Sine Law and Cosine Law

- 1) 7 yd
- 2) 33.1 yd
- 3) 28.9 m
- 4) 14°
- 5) 17.9°
- 6) 35°
- 7) $m\angle C = 37^\circ$, $b = 13$ cm, $c = 14$ cm
- 8) $m\angle B = 39^\circ$, $c = 37$ km, $a = 23$ km
- 9) $m\angle B = 25^\circ$, $m\angle C = 28^\circ$, $b = 18$ m
- 10) 30.2 m
- 11) 24.4 in
- 12) 19 in
- 13) 39.8°
- 14) 137°
- 15) 22°
- 16) $m\angle A = 61.7^\circ$, $m\angle B = 80.8^\circ$, $m\angle C = 37.5^\circ$
- 17) $m\angle A = 50.5^\circ$, $m\angle B = 96.5^\circ$, $c = 14.8$ yd
- 18) $m\angle A = 22.1^\circ$, $m\angle B = 51.9^\circ$, $c = 33$ in