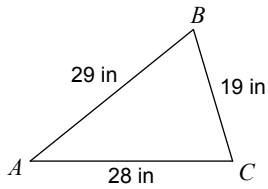


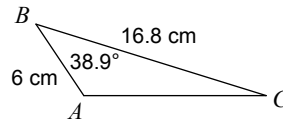
Law of Sines and Cosines

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

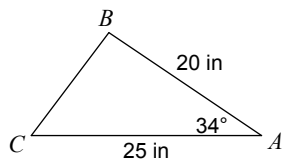
1)



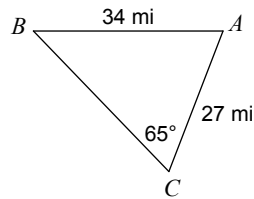
2)



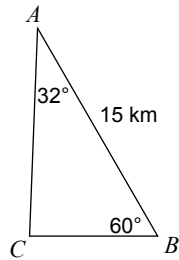
3)



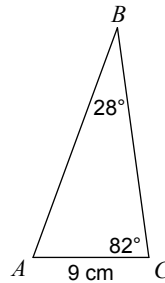
4)



5)



6)



7) $m\angle B = 47^\circ$, $a = 16$ yd, $b = 25$ yd

8) $c = 7$ m, $m\angle A = 34^\circ$, $b = 15$ m

9) $b = 9$ yd, $a = 6$ yd, $c = 14$ yd

10) $m\angle A = 41^\circ$, $c = 34$ yd, $a = 24$ yd

11) $m\angle A = 86^\circ$, $c = 8$ m, $a = 7$ m

12) $a = 27$ yd, $m\angle C = 111^\circ$, $b = 10$ yd