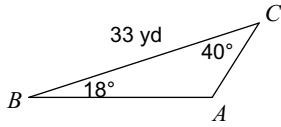


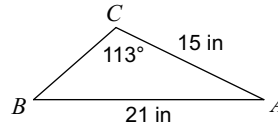
6-3 Law of Cosines/Sines

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

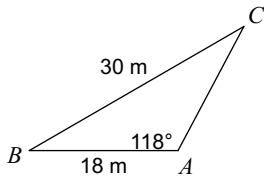
1)



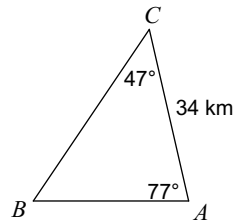
2)



3)



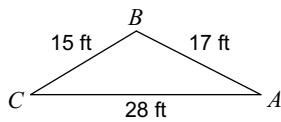
4)



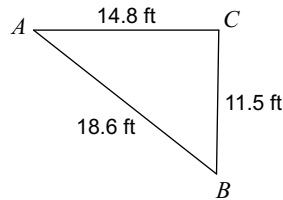
5) $m\angle C = 20^\circ$, $b = 14$ ft, $c = 10$ ft

6) $m\angle A = 153^\circ$, $m\angle C = 16^\circ$, $c = 23$ km

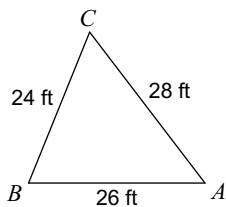
7)



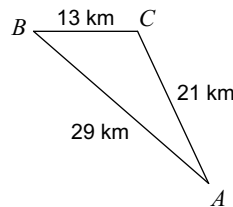
8)



9)



10)



11) $m\angle B = 99^\circ$, $c = 8$ km, $a = 17$ km

12) $a = 28$ yd, $b = 12$ yd, $c = 18$ yd