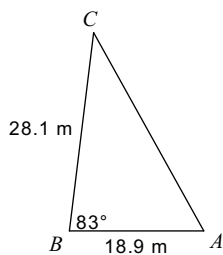


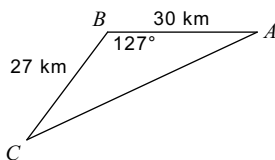
8.2 Law of Cosines

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

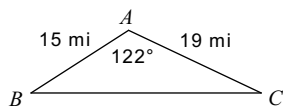
1) Find AC



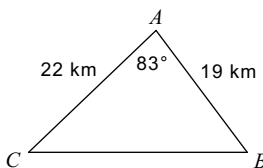
2) Find AC



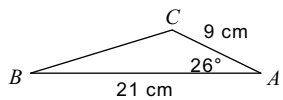
3) Find BC



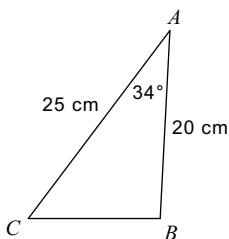
4) Find BC



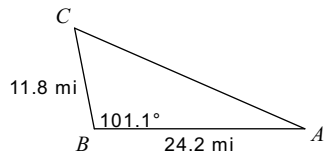
5) Find $m\angle B$



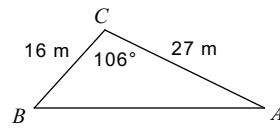
6) Find $m\angle B$



7) Find $m\angle C$

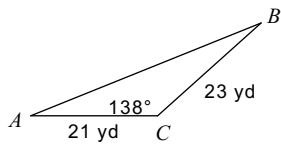


8) Find $m\angle A$

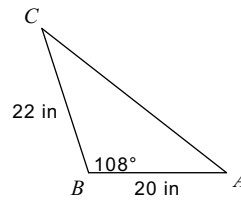


Solve each triangle. Round your answers to the nearest tenth.

9)



10)



11) $m\angle A = 46^\circ$, $b = 14$ mi, $c = 25$ mi

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