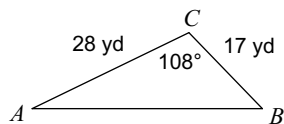


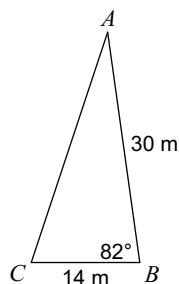
7.3 Law of Cosines

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

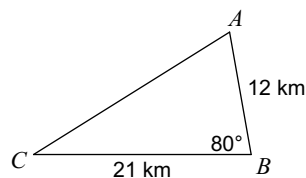
1) Find AB



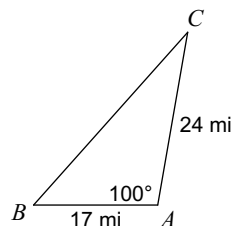
2) Find AC



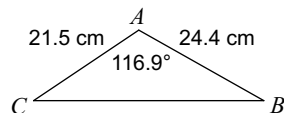
3) Find AC



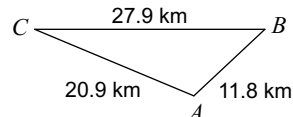
4) Find BC



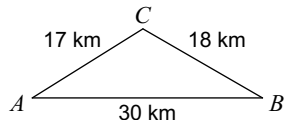
5) Find BC



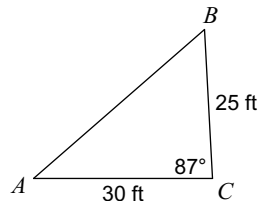
6) Find $m\angle A$



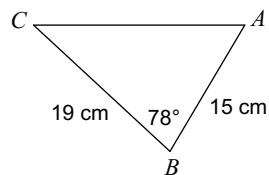
7) Find $m\angle B$



8) Find $m\angle A$

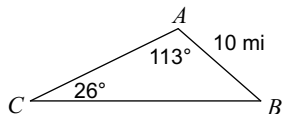


9) Find $m\angle C$

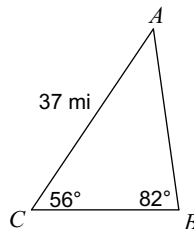


Solve each triangle. Round your answers to the nearest tenth.

10)

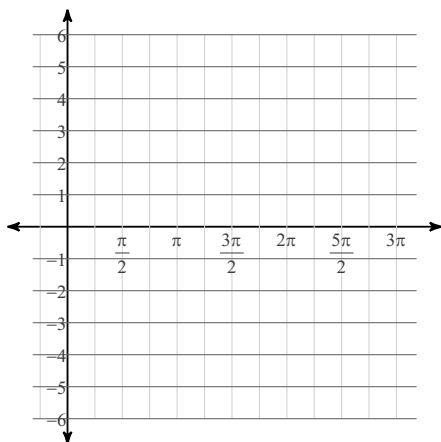


11)



Find the amplitude, the period in radians, and the transformations required to obtain the graph starting with a basic trig function. Then sketch the graph using radians.

12) $y = 4\sin \theta - 1$



13) $y = \frac{1}{2} \cdot \cos \theta - 2$

