

## Answers to Solving for sides using Trig

- 1) 16.7 cm                      2) 2.8 mi                      3) 14.2 in                      4) 20.4 km  
5) 19.8 cm                      6)  $m\angle A = 34.7^\circ$ ,  $b = 11.6$  mi,  $c = 14.1$  mi  
7)  $m\angle B = 55^\circ$ ,  $a = 7$  km,  $c = 12.2$  km                      8)  $m\angle A = 31^\circ$ ,  $a = 6.7$  ft,  $b = 11.1$  ft  
9)  $m\angle A = 46^\circ$ ,  $b = 6$  ft,  $a = 6.2$  ft