

Answers to Sine Law and Cosine Law

- 1) 7 yd ~~70 yd~~
- 2) 33.1 yd
- 3) 28.9 m
- 4) 14°
- 5) 17.9°
- 6) 35°
- 7) $m\angle C = 37^\circ$, $b = 13$ cm, $c = 14$ cm
- 8) $m\angle B = 39^\circ$, $c = 37$ km, $a = 23$ km ~~22.9 km~~
- 9) $m\angle B = 25^\circ$, $m\angle C = 28^\circ$, $b = 18$ m
- 10) 30.2 m
- 11) 24.4 in
- 12) 19 in
- 13) 39.8°
- 14) 137°
- 15) 22°
- 16) $m\angle A = 61.7^\circ$, $m\angle B = 80.8^\circ$, $m\angle C = 37.5^\circ$
- 17) $m\angle A = 50.5^\circ$, $m\angle B = 96.5^\circ$, $c = 14.8$ yd
- 18) $m\angle A = 22.1^\circ$, $m\angle B = 51.9^\circ$, $c = 33$ in