

Precalculus
6.4 Homework
Odd Answers

1. $\gamma = 45^\circ$, $b \approx 14.5$, $c \approx 10.8$
3. $\beta = 32.1^\circ$, $a \approx 12.5$, $b \approx 36.0$
5. no triangle
7. one triangle: $\alpha \approx 22.5^\circ$, $\beta \approx 25.3^\circ$, $b \approx 16.3$
9. two triangles: $\beta_1 \approx 39.7^\circ$, $\alpha_1 \approx 115.0^\circ$, $a_1 \approx 100.7$
 $\beta_2 \approx 140.3^\circ$, $\alpha_2 \approx 14.4^\circ$, $a_2 \approx 27.6$
11. 21.1 mi
13. 51.0 ft