

## Precalculus

### 4.3 Homework

#### Odd Answers

1.  $\sin \theta = 12/13$

$$\cos \theta = 5/13$$

$$\tan \theta = 12/5$$

3.  $\sin \theta = 24/25$

$$\tan \theta = 24/7$$

5.  $c \approx 8.1$

$$\alpha \approx 24.0^\circ$$

$$\beta \approx 66.0^\circ$$

7.  $\beta = 64^\circ$

$$a \approx 8.8$$

$$b \approx 18.0$$

9.  $\beta = 50^\circ 51'$

$$b \approx 7.4$$

$$c \approx 9.5$$

11. 1.7 mi

13. 25.1 ft

15. 1.8 mi