Handout 2: Round and Round We Go- Answers

1. Convert 30° to radians. $\frac{\pi}{6}$

6. Find the reference angle for 240°. 60°

2. Convert 225° to radians.

 $\frac{5\pi}{4}$

7. Find the reference angle for $\frac{7\pi}{4}$.

8. Find the reference angle for $\frac{7\pi}{6}$.

3. Convert $\frac{2\pi}{3}$ to degrees. 120°

 $\frac{\pi}{6}$

4. Convert $\frac{11\pi}{6}$ to degrees. 330°

9. Find the reference angle for 600° . 60°

5. Convert $\frac{5\pi}{4}$ to degrees. 225°

10. Find the reference angle for $\frac{13\pi}{6}$.

 $\frac{\pi}{6}$

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