Angle Conversion Problems

1. Convert $30°$ to radians.
2. Convert $120°$ to radians.
3. Convert $270°$ to radians.
4. Convert $45°$ to radians.
5. Convert $360°$ to radians.
6. Convert $\frac{\pi}{3}$ radians to degrees.
7. Convert $\frac{2\pi}{3}$ radians to degrees.
8. Convert $\frac{5\pi}{6}$ radians to degrees.
9. Convert $\frac{\pi}{4}$ radians to degrees.
10. Convert $\frac{7\pi}{4}$ radians to degrees.

Key:

1. $30° = \frac{\pi}{6}$ radians
2. $120° = \frac{2\pi}{3}$ radians
3. $270° = \frac{3\pi}{2}$ radians
4. $45° = \frac{\pi}{4}$ radians
5. $360° = 2\pi$ radians
6. $\frac{\pi}{3}$ radians = $60°$
7. $\frac{2\pi}{3}$ radians = $120°$
8. $\frac{5\pi}{6}$ radians = $150°$
9. $\frac{\pi}{4}$ radians = $45°$
10. $\frac{7\pi}{4}$ radians = $315°$