

Unit circle — Convert between degrees and radians



Name: _____

Date: _____

Convert between degrees and radians. Leave radians in terms of π .

1 $\frac{5\pi}{6}$ in degrees = _____

2 120° in radians = _____

3 90° in radians = _____

4 2π in degrees = _____

5 360° in radians = _____

6 $\frac{7\pi}{6}$ in degrees = _____

7 $\frac{3\pi}{4}$ in degrees = _____

8 180° in radians = _____

9 $\frac{5\pi}{3}$ in degrees = _____

10 150° in radians = _____



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— Answer key



1. $5\pi/6$ in degrees = 150°

2. 120° in radians = $2\pi/3$

3. 90° in radians = $\pi/2$

4. 2π in degrees = 360°

5. 360° in radians = 2π

6. $7\pi/6$ in degrees = 210°

7. $3\pi/4$ in degrees = 135°

8. 180° in radians = π

9. $5\pi/3$ in degrees = 300°

10. 150° in radians = $5\pi/6$