



Convert between degrees and radians

1 360°

A $\frac{4\pi}{3} \text{ rad}$

B $2\pi \text{ rad}$

2 315°

A $2\pi \text{ rad}$

B $\frac{7\pi}{4} \text{ rad}$

3 How many radians is this angle ($180^\circ = \pi$ radians)?

$2\pi \text{ rad}$

A 360°

B 270°

4 How many radians is this angle ($180^\circ = \pi$ radians)?

$\frac{\pi}{2} \text{ rad}$

A 90°

B 120°

5 Convert the given angle in degrees to radians
 90°

A $\frac{5\pi}{2} \text{ rad}$

B $\frac{3\pi}{2} \text{ rad}$

C $\frac{\pi}{4} \text{ rad}$

D $\frac{4\pi}{2} \text{ rad}$

E $\frac{2\pi}{2} \text{ rad}$

F $\frac{\pi}{2} \text{ rad}$

6 Convert the given angle in radians to degrees
 $\frac{2\pi}{4} \text{ rad}$

A 180°

B 120°

C 225°

D 0°

E 270°

F 90°



Convert between degrees and radians

7 60°

A

$$\frac{\pi}{3} \text{ rad}$$

B

$$\frac{\pi}{4} \text{ rad}$$

8

How many radians is this angle ($180^\circ = \pi$ radians)?

$$\frac{5\pi}{3} \text{ rad}$$

A

 315°

B

 300° **9**

Convert the given angle in degrees to radians
 180°

A

$$\frac{\pi}{6} \text{ rad}$$

B

$$2\pi \text{ rad}$$

C

$$\pi \text{ rad}$$

D

$$\frac{\pi}{4} \text{ rad}$$

E

$$3\pi \text{ rad}$$

F

$$0\pi \text{ rad}$$

10

Convert the given angle in radians to degrees

$$\frac{\pi}{4} \text{ rad}$$

A

 60°

B

 45°

C

 225°

D

 0°

E

 180°

F

 30° **11** 150°

A

$$\frac{2\pi}{3} \text{ rad}$$

B

$$\frac{5\pi}{6} \text{ rad}$$

12

How many radians is this angle ($180^\circ = \pi$ radians)?

$$\frac{7\pi}{4} \text{ rad}$$

A

 240°

B

 315°