

Name :

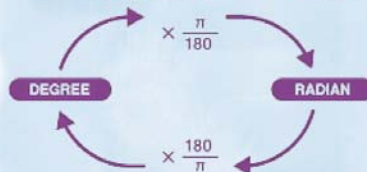
Class :

Convert B/w Degrees and Radians



Degrees to Radians, multiply the angle in degrees by $\frac{\pi}{180}$
Radians to degrees, multiply the angle in radians by $\frac{180}{\pi}$

$$\pi \text{ radians} = 180^\circ$$



Convert each degree to radian and radian to degree measure.

1) -200°

$$-\frac{10\pi}{9} \text{ radian}$$

2) -210°

$$-\frac{7\pi}{6} \text{ radian}$$

3) 765°

$$\frac{17\pi}{4} \text{ radian}$$

4) -570°

$$-\frac{19\pi}{6} \text{ radian}$$

5) $\frac{19\pi}{18}$

$$190^\circ$$

6) $\frac{-9\pi}{4}$

$$-405^\circ$$

7) $\frac{-13\pi}{12}$

$$-195^\circ$$

8) $\frac{11\pi}{4}$

$$495^\circ$$