

Q1- Convert the following angle in degree to radians -

- ① 30° ② 75° ③ 225°

Ans- Concept \therefore Radians = $\frac{\pi}{180} \times$ Degree

① Radians = $\frac{\pi \times 30}{180} = \frac{\pi}{6}$ or 0.523

② Radians = $\frac{\pi \times 75}{180} = \frac{5\pi}{12}$ or 1.3

③ Radians = $\frac{\pi \times 225}{180} = \frac{5\pi}{4}$ or 3.93

Always put each fraction in its lowest term