

SOLUCIONES DE COMO PASAR DE GRADOS A RADIANES

1. Dados los siguientes ángulos, pásalos a radianes.

a) 30°

$$30^\circ \cdot \frac{2\pi \text{ rad}}{360^\circ} = \frac{\pi}{6} \text{ rad} = 0.5236 \text{ rad}$$

b) 75°

$$75^\circ \cdot \frac{2\pi \text{ rad}}{360^\circ} = \frac{5\pi}{12} \text{ rad} = 1.309 \text{ rad}$$

c) 265°

$$265^\circ \cdot \frac{2\pi \text{ rad}}{360^\circ} = \frac{53\pi}{36} \text{ rad} = 4.625 \text{ rad}$$

d) 399°

$$\begin{array}{r} 399 \overline{)360} \\ \underline{39 \quad 1} \end{array}$$

$$39^\circ \cdot \frac{2\pi \text{ rad}}{360^\circ} = \frac{13\pi}{60} \text{ rad} = 0.6807 \text{ rad}$$