



Finding Radians

Name _____

Score _____

QA:II:10

Example: Convert 30° to radians.

$$\text{Radians} = \text{Degrees} \times \frac{\pi}{180}$$

$$\text{Radians} = 30 \times \frac{\pi}{180}$$

$$\text{Radians} = \frac{\pi}{6}$$

Complete the table by converting each degree measure to the radian measure.

Q. No	Degrees	Radians
1)	405°	
2)	-195°	
3)	170°	
4)	75°	
5)	-28°	
6)	-300°	



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Answer key

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$$\text{Radians} = 30 \times \frac{\pi}{180}$$

$$\text{Radians} = \frac{\pi}{6}$$

Complete the table by converting each degree measure to the radian measure.

Q. No	Degrees	Radians
1)	405°	$\frac{9\pi}{4}$
2)	-195°	$-\frac{13\pi}{12}$
3)	170°	$\frac{17\pi}{18}$
4)	75°	$\frac{17\pi}{36}$
5)	-28°	$-\frac{7\pi}{45}$
6)	-300°	$-\frac{5\pi}{3}$