



# Finding Radians

Name \_\_\_\_\_

Score \_\_\_\_\_

QA:II:12

Example: Convert  $-225^\circ$  to radians.

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

$$\text{Radians} = -225 \times \frac{\pi}{180}$$

$$\text{Radians} = -\frac{5\pi}{4}$$

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

Q. No	Degrees	Radians
1)	$-88^\circ$	
2)	$400^\circ$	
3)	$-210^\circ$	
4)	$96^\circ$	
5)	$285^\circ$	
6)	$-15^\circ$	



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## Answer key

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

Q. No	Degrees	Radians
1)	$-88^\circ$	$-\frac{22\pi}{45}$
2)	$400^\circ$	$\frac{20\pi}{9}$
3)	$-210^\circ$	$-\frac{7\pi}{6}$
4)	$96^\circ$	$\frac{8\pi}{15}$
5)	$285^\circ$	$\frac{19\pi}{12}$
6)	$-15^\circ$	$-\frac{\pi}{12}$