Finding Radians

Name _____

Score _____

QA:II:11

Example: Convert 120^0 to radians.

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

$$\text{Radians} = 120 \times \frac{\pi}{180}$$

$$\textbf{Radians} = \frac{2\pi}{3}$$

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

Q. No	Degrees	Radians
1)	690^0	
2)	33^0	
3)	-110^0	
4)	-256^0	
5)	135^0	
6)	200^0	

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Answer key

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

$$\text{Radians} = 120 \times \frac{\pi}{180}$$

$$\textbf{Radians} = \frac{2\pi}{3}$$

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

Q. No	Degrees	Radians
1)	690^0	$\frac{23\pi}{6}$
2)	33^0	$\frac{11\pi}{60}$
3)	-110^0	$-\frac{11\pi}{18}$
4)	-256^0	$-\frac{64\pi}{45}$
5)	135^0	$\frac{3\pi}{4}$
6)	200^0	$\frac{10\pi}{9}$