



Finding Degrees

Name _____

Score _____

QA:II:13

Example: Convert $-\frac{\pi}{6}$ radians to degrees.

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

$$\text{Degrees} = -\frac{\pi}{6} \times \frac{180}{\pi}$$

$$\text{Degrees} = 30^\circ$$

Convert each radian measure to the degree measure.

1) $-\frac{\pi}{45}$

_____ °

2) $\frac{13\pi}{20}$

_____ °

3) $\frac{19\pi}{6}$

_____ °

4) $\frac{11\pi}{10}$

_____ °

5) $-\frac{13\pi}{6}$

_____ °

6) $-\frac{3\pi}{2}$

_____ °



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Answer key

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Convert each radian measure to the degree measure.

1) $-\frac{\pi}{45}$

 -4 °

2) $\frac{13\pi}{20}$

 117 °

3) $\frac{19\pi}{6}$

 570 °

4) $\frac{11\pi}{10}$

 198 °

5) $-\frac{13\pi}{6}$

 -390 °

6) $-\frac{3\pi}{2}$

 -270 °