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## Radians Day 1

Find the radian measure of the angle with the given degree measure

1. $72^{0}$
$\frac{2 \pi}{5}$
2. $-45^{0}$
$-\frac{\pi}{4}$
${ }^{3.200} \cdot \frac{\pi}{188}=\frac{-5 \pi}{12}{ }^{4000^{\circ}} 6 \pi$
12

Find the degree measure of the angle with the given radian measure
5.
$\frac{7 \pi}{6} \cdot \frac{18}{4}=30$
6. $-\frac{5 \pi}{4}$
7. $\frac{5 \pi}{18} \int 0^{0}$
$8.13, \frac{180}{\pi}=\frac{23^{40}}{\pi}$
ain
$-225^{\circ}$
$\approx 745^{\circ}$
Find two positive and two negative coterminal angles for the given radian measure

Find an angle between 0 and $2 \pi$ that is coterminal with the given angle
11. $\frac{17 \pi}{6} \frac{5 \pi}{6}$
12. $-\frac{7 \pi}{3} \frac{517}{3}$
13. $87 \pi$
$T$
14. $\frac{17 \pi}{4}-\frac{8 \pi}{4}=\frac{1 \pi}{y}$
$\frac{1 \pi}{4}-\frac{8 \pi}{4}=\frac{3 \pi}{4}$

Fill in the radian values. Try to look at the values as a part to the whole circle instead of converting every degree value.


