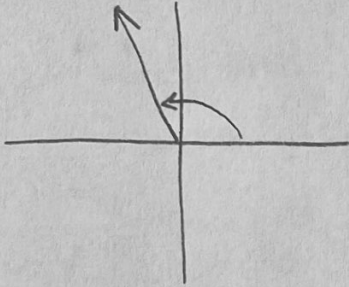


Accel. PreCalculus
Angles & Radians

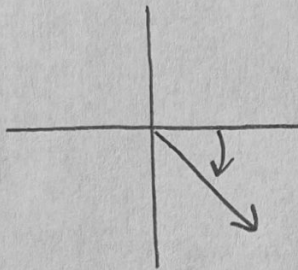
Name Key
Date _____ Period ____

Draw each angle in standard position.

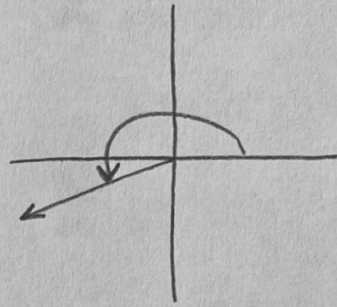
1. 120°



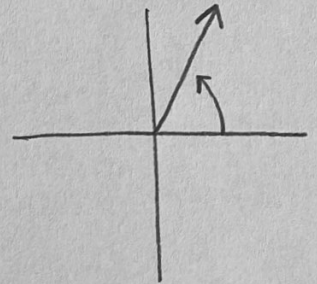
2. $-\frac{\pi}{4}$



3. 210°



4. $\frac{\pi}{3}$



Convert from degrees to radians.

5. 126°

$$\frac{14}{1} \frac{126^\circ}{1} \cdot \frac{\pi}{180^\circ} = \frac{7}{20} \frac{14\pi}{10} = \boxed{\frac{7\pi}{10}}$$

6. -63°

$$\frac{7}{1} \frac{-63^\circ}{1} \cdot \frac{\pi}{180^\circ} = \boxed{-\frac{7\pi}{20}}$$

7. 200°

$$\frac{200^\circ}{1} \cdot \frac{\pi}{180^\circ} = \boxed{\frac{10\pi}{9}}$$

Convert from radians to degrees.

8. $\frac{13\pi}{3}$

$$\frac{13\pi}{3} = \frac{180^\circ}{\pi} = \boxed{780^\circ}$$

9. $\frac{14\pi}{3}$

$$\frac{14\pi}{3} \cdot \frac{180^\circ}{\pi} = \boxed{840^\circ}$$

10. $\frac{7\pi}{6}$

$$\frac{7\pi}{6} \cdot \frac{180^\circ}{\pi} = \boxed{210^\circ}$$