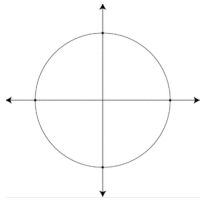
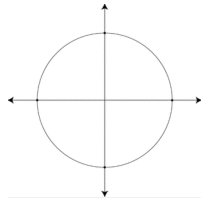


1. Draw each angle in standard form.

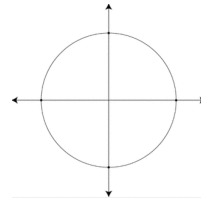
a.  $\frac{3\pi}{10}$



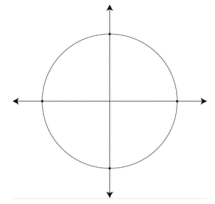
b.  $195^\circ$



c.  $\frac{10\pi}{3}$



d.  $-65^\circ$



2. For the angles above, give a positive and a negative coterminal angle (stay in the same unit)

a.  $\frac{3\pi}{10}$

b.  $195^\circ$

c.  $\frac{10\pi}{3}$

d.  $-65^\circ$

3. What is the reference angle for each angle (stay in the same unit)

a.  $\frac{3\pi}{10}$

b.  $195^\circ$

c.  $\frac{10\pi}{3}$

d.  $-65^\circ$

4. Convert each angle to the other unit of measure.

a.  $\frac{3\pi}{10}$

b.  $195^\circ$

c.  $\frac{10\pi}{3}$

d.  $-65^\circ$

5. Assume all angles are between 0 and  $2\pi$ . Evaluate in degrees and radians.

(Hint: Remember to look in all four quadrants.)

a.  $\sin^{-1}\left(\frac{-\sqrt{3}}{2}\right)$

b.  $\tan^{-1}(-1)$

c.  $\cos^{-1}\left(\frac{\sqrt{3}}{2}\right)$

d.  $\cos^{-1}\left(-\frac{1}{2}\right)$

d:

d:

d:

d:

r:

r:

r:

r:

6. a.  $\sin \frac{4\pi}{3}$

b.  $\cos 90^\circ$

c.  $\tan \frac{2\pi}{3}$