

Q3HW4 - All work on looseleaf.

Date_____ Period_____

Find a coterminal angle between 0° and 360° .

1) 635°

2) -420°

Find a coterminal angle between 0 and 2π for each given angle.

3) $\frac{43\pi}{12}$

4) $-\frac{11\pi}{3}$

Find the reference angle.

5) -385°

6) 275°

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

8) $\frac{7\pi}{9}$

Convert each degree measure into radians.

9) -690°

10) 570°

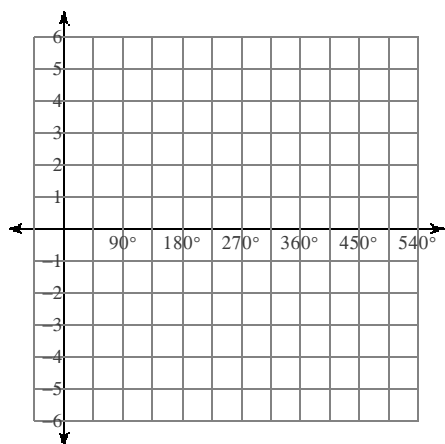
Convert each radian measure into degrees.

11) $\frac{5\pi}{3}$

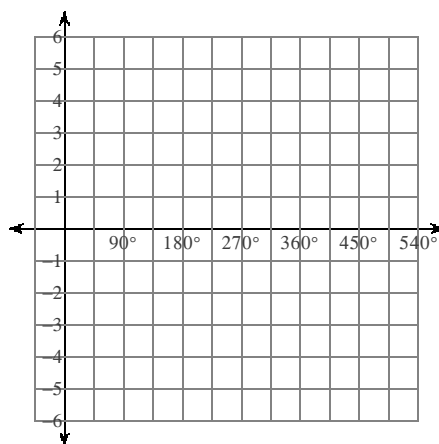
12) $-\frac{4\pi}{3}$

Graph each function using degrees.

13) $y = \sin q$

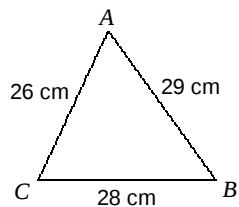


14) $y = \cos q$

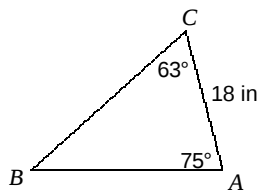


Find each measurement indicated. Round your answers to the nearest tenth.

15) Find $m\angle C$



16) Find BC



Find the exact value of each trigonometric function.

17) $\cot -870^\circ$

18) $\sin 810^\circ$

19) $\tan 675^\circ$

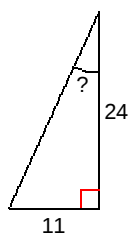
20) $\csc -600^\circ$

21) $\sin 765^\circ$

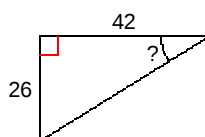
22) $\csc 210^\circ$

Find the measure of the indicated angle to the nearest degree.

23)



24)



25)

