

Name: \_\_\_\_\_

## Radian and Degree Measure

1) Find the supplements of each of the following angles:

1)  $75^\circ$

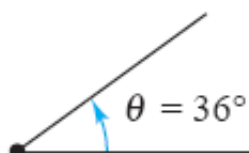
2)  $45^\circ$

3)  $32^\circ$

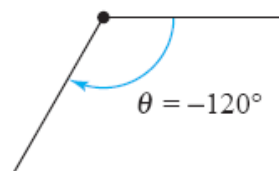
4)  $60^\circ$

2) Determine two coterminal angles (one positive and one negative) for each given angle. Express your answers in degrees.

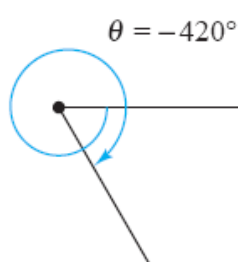
1)



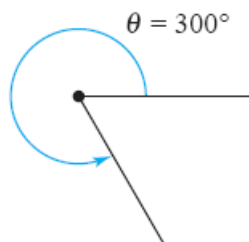
2)



3)

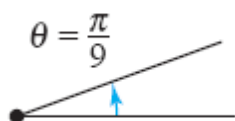


4)

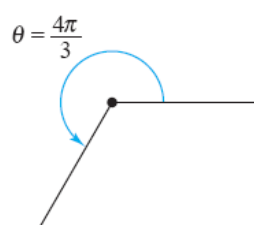


3) Determine two coterminal angles (one positive and one negative) for each given angle. Express your answers in radians.

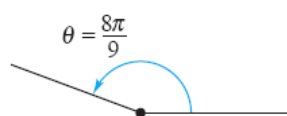
1)



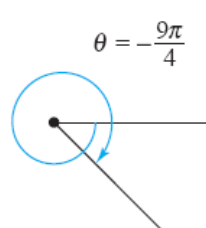
2)



3)



4)



- 4) Express the angles in radian measure as multiples of  $\pi$  and as decimals accurate to three decimal places.

1)  $30^\circ$

2)  $160^\circ$

3)  $315^\circ$

4)  $120^\circ$

5)  $-20^\circ$

6)  $-240^\circ$

7)  $-270^\circ$

8)  $144^\circ$

- 5) Express the angles in degree measure

1)  $\frac{3\pi}{2}$

2)  $\frac{11\pi}{6}$

3)  $-\frac{2\pi}{5}$

4)  $-\frac{12\pi}{15}$

5)  $-2.365$

6)  $0.438$

7)  $6.28$

8)  $-1.209$