GSEPre-Calcul	
Cot-	Unit 3: Intro to Trig
Coterminal/Refe	rence anal-
	aligies

Name	
Date	Day

Determine two coterminal angles (one positive, one negative) and the reference angle for each of the following. If the original problem is in degrees, then your answer is in degrees. If the original problem is in radians, then your answer

1. 120°

Positive: 480°

Negative: 240° Reference: 60° 2. -36°

Positive:324° Negative:396°

Reference: 360

3. 300°

Positive: 660°

Negative: -60° Reference: 60° 4. -740°

Positive: 340°

Negative: 100°

Reference: 20°

5. $-\frac{11\pi}{4}$ Positive: ____4 Negative: - 1911/4 or -34 Reference: T/4

6. $-\frac{2\pi}{15}$

Positive: _______ Reference:

P: 2811

N: -32T/15

R: 21/15

7. $\frac{7\pi}{8}$

Positive: ____

Negative: ____ Reference:

P: 23T/8

N: -911/8

R: 11/8

Positive: ____

Negative: ____ Reference:

P: 71/3

N: -51/3

R! T/3

Determine what quadrant in which the angle lies.

9. 30°

10. -245°

11. $\frac{2\pi}{3}$

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