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

Sketching Angles Homework 2016-2017

90ᵒ



0ᵒ or

360ᵒ

180ᵒ

270ᵒ

Sketch the angles.

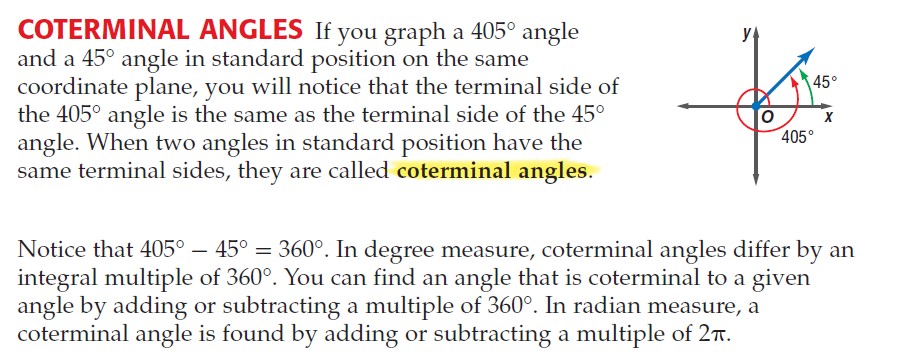
1. 30° 2. 225° 3. -315°



4. 330° 5. 150° 6. -60°



**Coterminal Angles:** The graph shows a 405° angle and a 45° angle. They both share the same terminal side. When two angles in standard position have the same terminal sides, they are called co terminal angles.



**405°- 360°=45° In degrees, you add/subtract 360**

**In radians, you would add/subtract 2**

*Determine what quadrant the angle is located, then find one angle with positive measure and one angle with negative measure coterminal with each angle.*

**1. 120° 2. 225°**

Quadrant: Quadrant:

Pos: Pos:

Neg: Neg:

**3. 280° 4. 190°**

Quadrant: Quadrant:

Pos: Pos:

Neg: Neg: