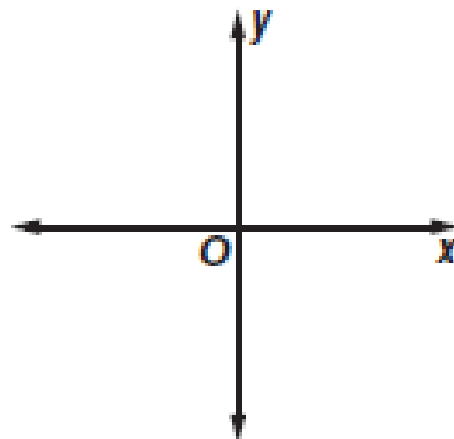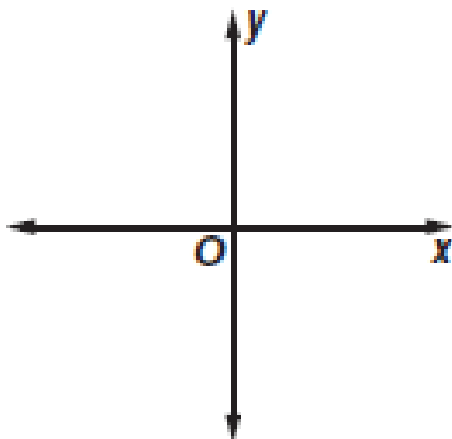Name: _____

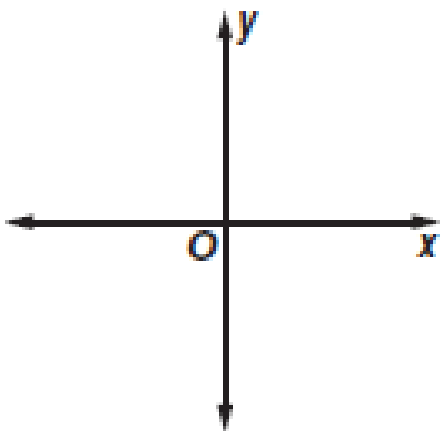# Sketching Angles Homework 2016-2017

90°

180°   0° or

360°

270°
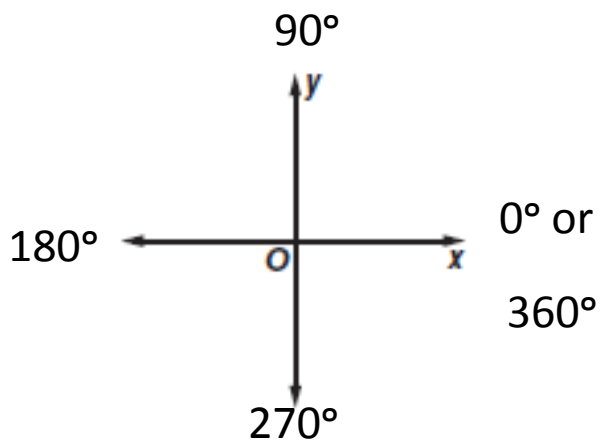
Sketch the angles.

1. 30°

2. 225°
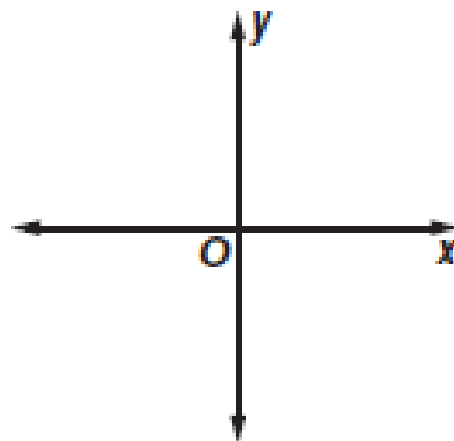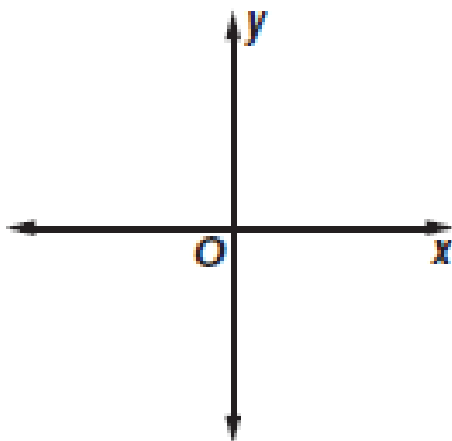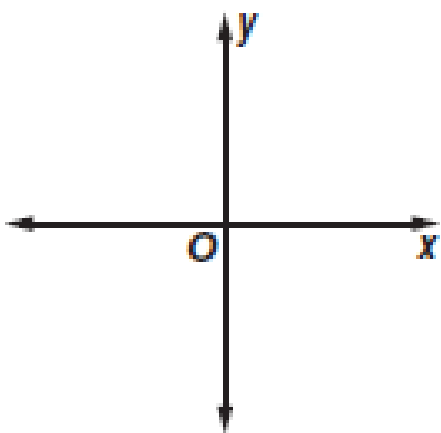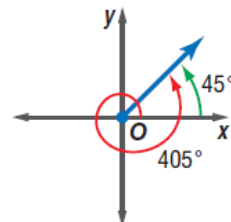
3. -315°

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 2π

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°

Quadrant:

Pos:

Neg:

2. 225°

Quadrant:

Pos:

Neg:

3. 280°

Quadrant:

Pos:

Neg:

4. 190°

Quadrant:

Pos:

Neg: