Name: **Key**

SKETCHING ANGLES HOMEWORK
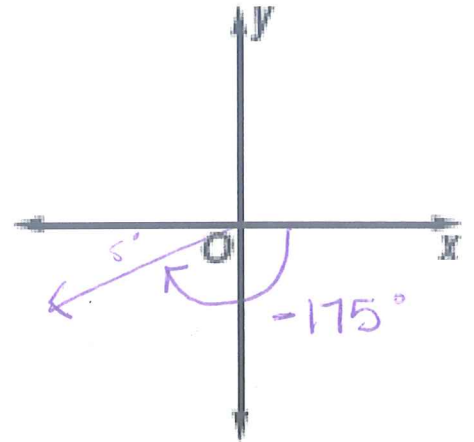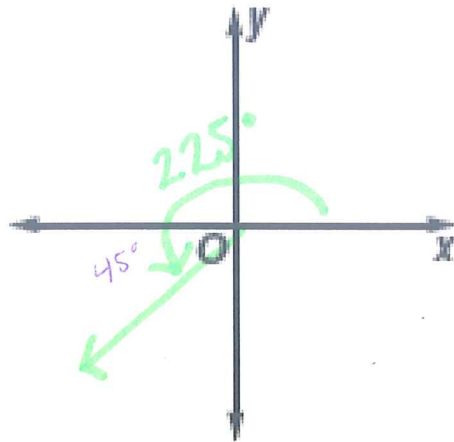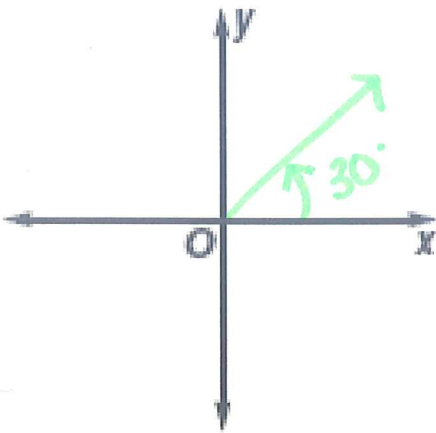
90°

180° ← → 0° or

360°

270°
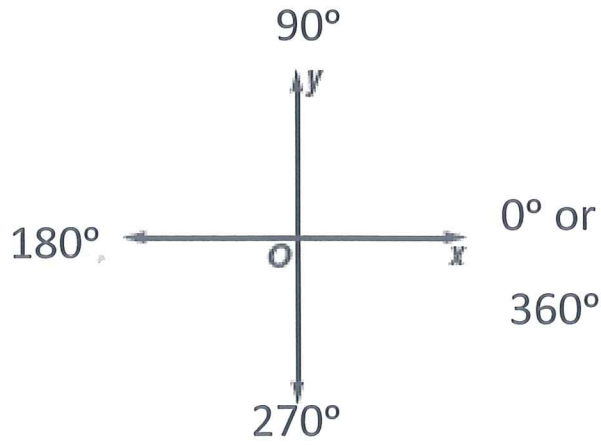
Sketch the angles.

1. 30°

$30°$

2. 225°

225°

45°

3. -175°

5°

-175°

4. 330°

330°

30°

5. 200°

200°

200°
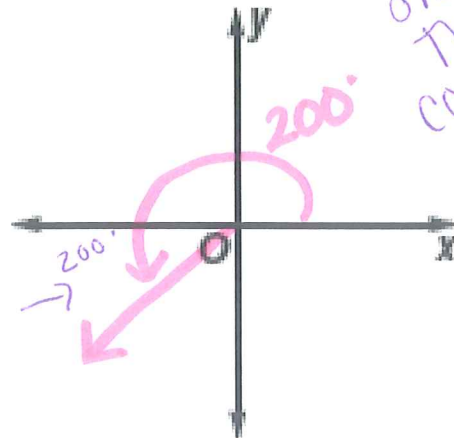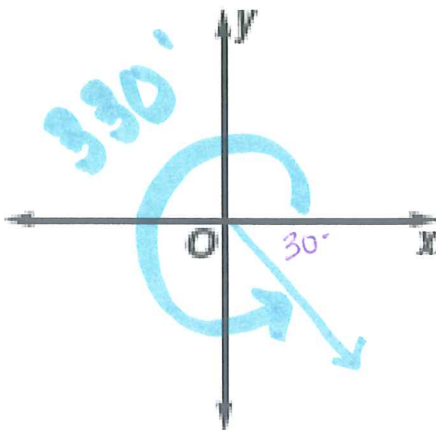
oh!
These are
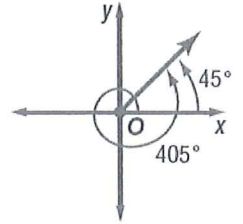coterminal
∵

6. -160°

20°

-160°
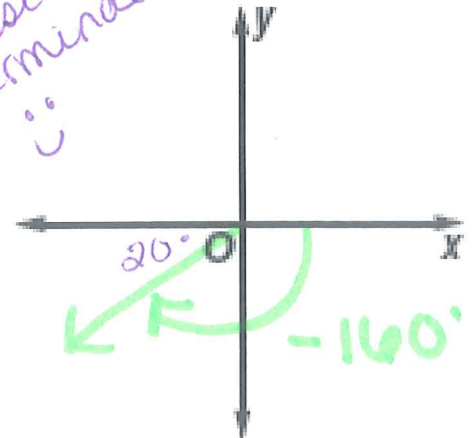
Coterminal Angles: The graph shows a 405° angle and a 45° angle. They both share the same terminal side. When two angles in standard position have the same terminal sides, they are called co terminal angles.

405°- 360°=45°

In degrees, you add/subtract 360

~~In radians, you would add/subtract 2π~~

Find one angle with positive measure and one angle with negative measure coterminal with each angle.

1. 140°

Pos: 500°

Neg: -220°

2. 215°

Pos: 575°

Neg: -145°

3. 290°

Pos: 650°

Neg: -70°

4. 180°

Pos: 540°

Neg: -180°