

Name: _____

Date: _____

/20

- [4] 1. Draw and **label** a standard-position angle $\theta = -395^\circ$. Furthermore, label the initial arm, terminal arm, the center of rotation, the direction of rotation and the number of the quadrant where the terminal arm lies.

- [4] 2. Sketch the following angles:

Right	Reflex	Straight	Standard-Position 405°

- [4] 3. Draw special triangles and label dimensions of all three sides and label all three interior angles with their measurements.

[6] 4. Point P (6,-4) is on the terminal arm of a standard-position angle θ . Sketch a diagram of the angle and determine the exact value of all three basic trigonometric ratios.

[2] 5. What is an angle? Explain in detail.