

Name: _____

Trigonometric Functions of Any Angle

Exercise 1: Determine the values of the six trigonometric functions of θ (in standard position) whose terminal side passes through point:

1) $P(-1, 4)$

2) $P(3, 6)$

3) $P(2, 6)$

4) $P(-3, 3)$

5) $P(5, 1)$

6) $P(3, 4)$

7) $P(6, 8)$

8) $P(-5, 12)$

9) $P(-4, 3)$

10) $P(-8, -6)$

Exercise 2: Which angle is complementary to its reference angle?

Exercise 3: Which angles are equal to their reference angles?