**5.2 Trigonometric Functions of Angles**

Trigonometric Ratios:

Sign of trigonometric ratios: ASTC

1. Find the missing dimensions of a right triangle with sides and and hypotenuse .

a)

2. Determine the quadrant in which lies for the following.

a) b)

3. Find the value of the indicated functions.

a) b)

4. A point P on the terminal side of is shown in the figures below. Evaluate the six trigonometric functions of .

a) P

5. The value of one trigonometric function is given. Determine the other 5 trigonometric functions.

a)

b)

6. Find the six trigonometric functions of if is an angle in standard position whose terminal side is the graph of the given relation.

7. The terminal side of angle in standard position goes through the intersection point of the given curves. Find.