1. If the angle 75 is in standard position, find two positive coterminal angles and two negative coterminal angles.

2. Find the degree measure of the angle

3. Express the angle as a decimal to the nearest ten-thousandth of a degree.

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4. Find the values of the five other trig functions for the acute angle if tan

5. Use fundamental identities to find the values of the trig functions for the given conditions.

csc = 5 and cot ˂ 0.

6. A point P() is on the unit circle. Find the value of the secant.

7. Find y by referring to the graph of the trig function.

As x \_\_\_\_\_\_\_.

8. Refer to the graph of y = sin x t find the separate values of x in the interval [-2 that satisfy the equation sin x = - .

9. If a circular arc of the length s = 15 cm subtends the central angle on a circle, find the radius of the circle.

10. Approximate to the nearest 0.1⁰ all angles θ in the interval [0⁰, 360⁰] that satisfy cos θ = -0.6604.

11. Approximate the acute angle to the nearest 0.01

12. Find the reference angle if =