Name _____   Date _____

Reference Angles and Triangles - Guided Lesson Explanation

Explanation#1

Step 1) First we have to see what is being asked.

"Write Cos 280° as a positive acute angle."

Step 2) The positive acute angle of Cos 380 is Cos 80°.

Answer is: Cos 80°

Explanation#2

Step 1) First we have to see what is being asked.

"Find the exact value of sec θ for angle θ in standard position if the point (-5, 4) lies on its terminal side."

Step 2) The exact value of sec θ for angle θ in standard position is -√41/5.

Answer is: -√41/5

Explanation#3

Step 1) First we have to see what is being asked.

"The value of 390° is equal to the value of?"

Step 2) The value 390° is equal to sin 60°.

Answer is: sin 60°