Pre-Calculus 12

Chapter 4 Self-Assessment

Emerging: I am starting to understand the ideas
Developing: I am understanding many of the ideas but I make errors
Proficient: I have a complete understanding of the skills and concepts
Extending: I am pushing my learning to connect to advanced problems and ideas

Section		Level of comprehension	Assignment Completed
4.1	• I can sketch angles in standard position measured in degrees and radians • I can convert angles from degrees to radians and vice versa with and without a calculator • I can find coterminal angles • I can solve problems involving arc-length, central angle, and radius of a circle		
4.2	• I can find the point on a unit circle such that $P(\theta) = (x, y)$ using special triangles • I can find the angle, given the point on a unit circle using special triangles such that $P(\theta) = (x, y)$		
4.3	• I can find the radius of the circle given a point on the circle. • I am able to relate trig ratios to the coordinates of points on a circle. • I can find exact and approximate values for trig ratios		
4.4	• I can find angles given a trig ratio using exact values • I can find angles given a trig ratio using a calculator. • I can solve algebraically first and second degree trig equations using radians and degrees. • I can solve trig equations with a restricted domain • I can find a general solutions to a trig equations		

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Name: _____

Block: _____

Use words to explain how you would solve a first-degree trig equation. (outline the steps needed to solve and equation **similar** to $4\cos\theta + 3 = 1$ without a calculator)

Step 1

Step 2

Step 3

Step 4

Step 5

Peer Marked by _____

Mark out of 4 _____