Name _____ Date _____

Graphs Dealing with Tangent, Cotangent, Secant, and Cosecant Problems - Guided Lesson Explanation:

Explanation#1

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

Step 2) Analyze the graph carefully.

Step 3) Determine the points on both the axes.

Step 4) Write the equation from the points.

Step 5) The equation is: $y = 5\cos(x)+2$

Answer is: $5\cos(x)+2$

Explanation#2

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

Step 2) Analyze the graph carefully.

Step 3) Determine the points on both the axes.

Step 4) Write the equation from the points.

Step 5) The equation is: $y = 2\sin(3x)+3$

Answer is: $y = 2\sin(3x)+3$

Explanation#3

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

Step 2) Analyze the graph carefully.

Step 3) Determine the points on both the axes.

Step 4) Write the equation from the points.

Step 5) The equation is: $y = \cos(2x+1)+1$

Answer is: $y = \cos(2x+1)+1$