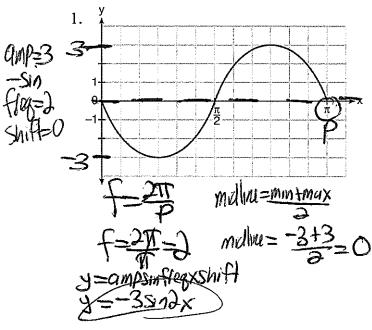
Name Schansky

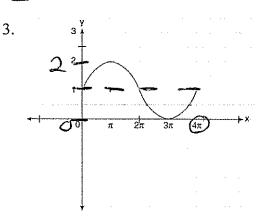
Name Mr. Schlansky

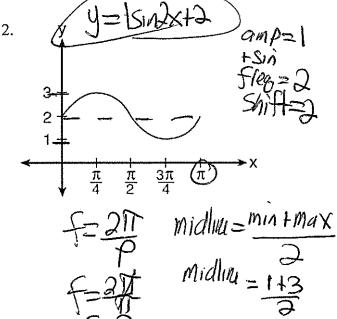
Date _____Pre Calculus

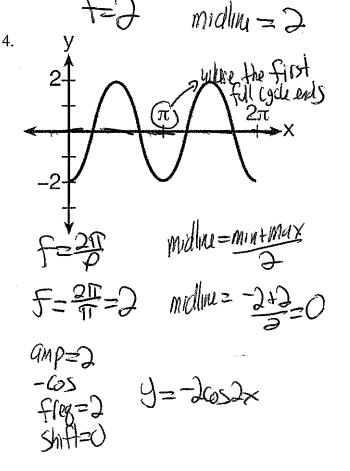
Writing Equations of Sinusoidal Graphs

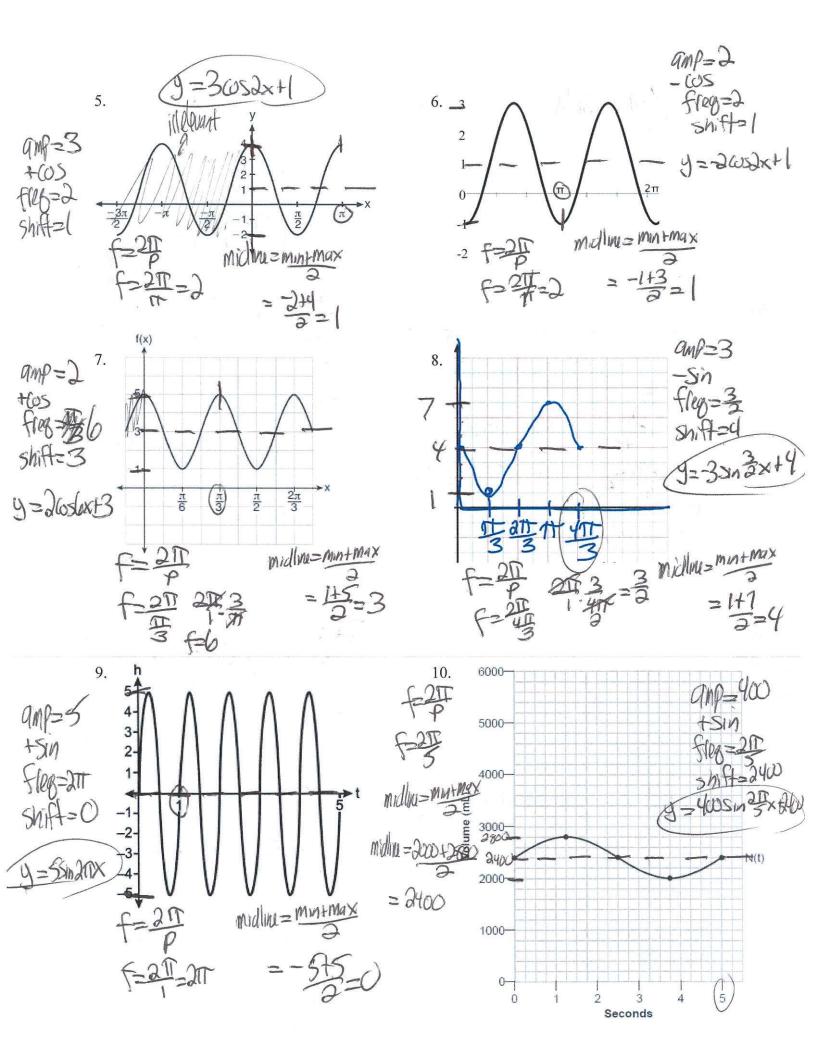
Write an equation for the graph of the trigonometric functions shown below.







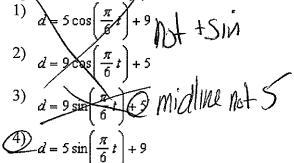


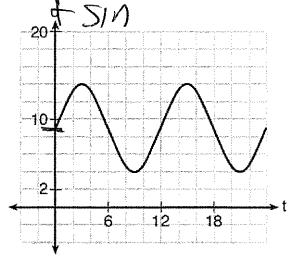


11. The depth of the water at a marker 20 feet from the shore in a bay is depicted in the graph below.

If the depth, d, is measured in feet and time, t, is measured in hours since midnight, what is an

equation for the depth of the water at the marker?





12. Which equation is graphed in the diagram below?

