**Unit 3 Math III   
 Trig Graphs**

1. Graph: y = 3sinx + 5

1. Graph: y = 2cosx

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2. A certain radio wave travels in a path represented by the equation y = 7sin2x. What is the period and amplitude of this wave?
3. The brightness of a star MIRA over time is given by a sine function. The   
   y-value of the function starts at 20, goes up to 60, then back to 20. What is the amplitude of the function?
4. Write the equation of the graph below.

