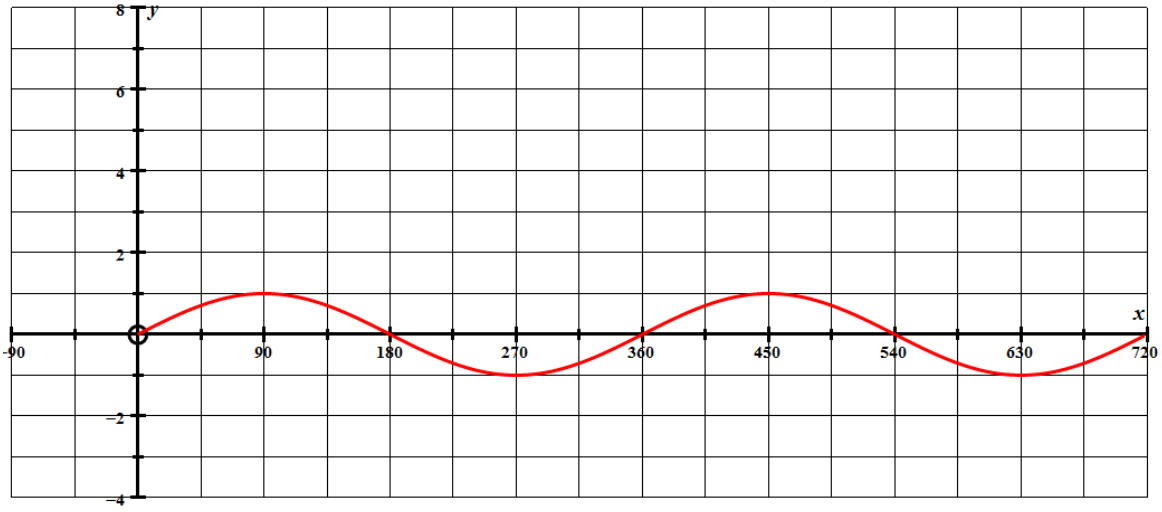
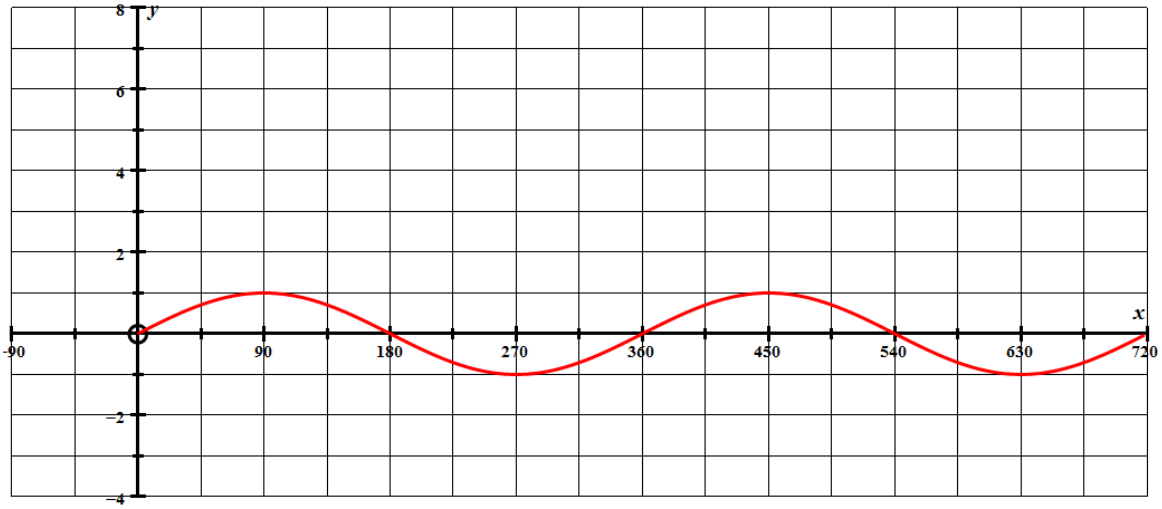
SINE GRAPHS.

1. The graph shown is ***y = sin(x)***
   On the axes below, draw the graphs:
   (a) y = 2sin(x)
   (b) y = 2sin(x) + 4



2. The graph shown is ***y = sin(x)***
   On the axes below, draw the graphs:
   (a) y = 3sin(x)
   (b) y = 3sin(x) + 5



3. What would the maximum and minimum y values be for the graph of
   y = 8sin(x) + 7
   MAX = MIN =
4. Find an equation in the form ***y = A + Bsin(x)*** so that the maximum value is 12 and the minimum value is 2

SINE GRAPHS.ANSWERS

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   (a) y = 2sin(x)
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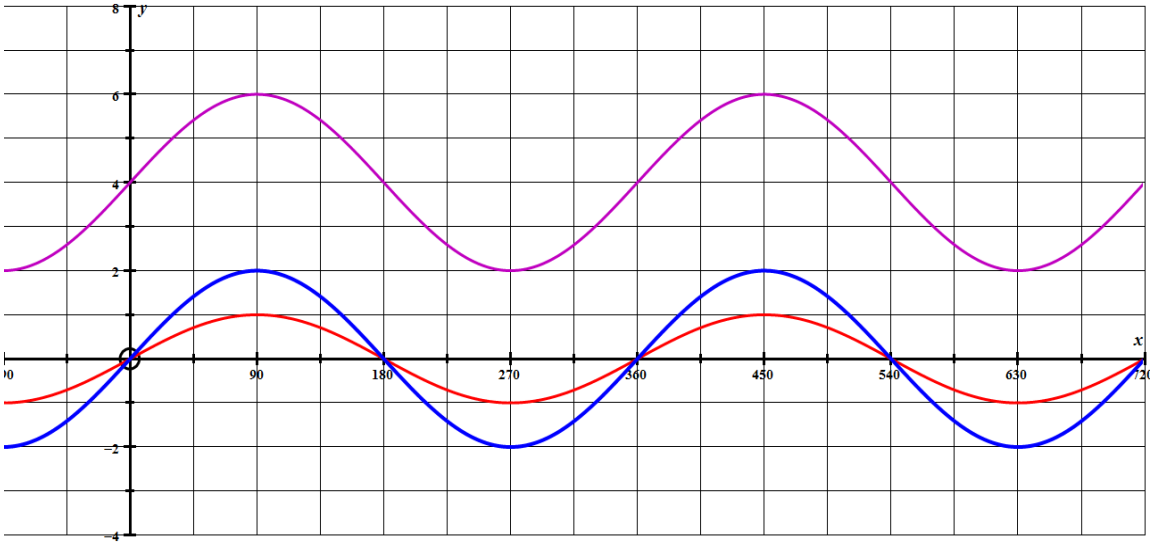

2. The graph shown is ***y = sin(x)***
   On the axes below, draw the graphs:
   (a) y = 3sin(x)
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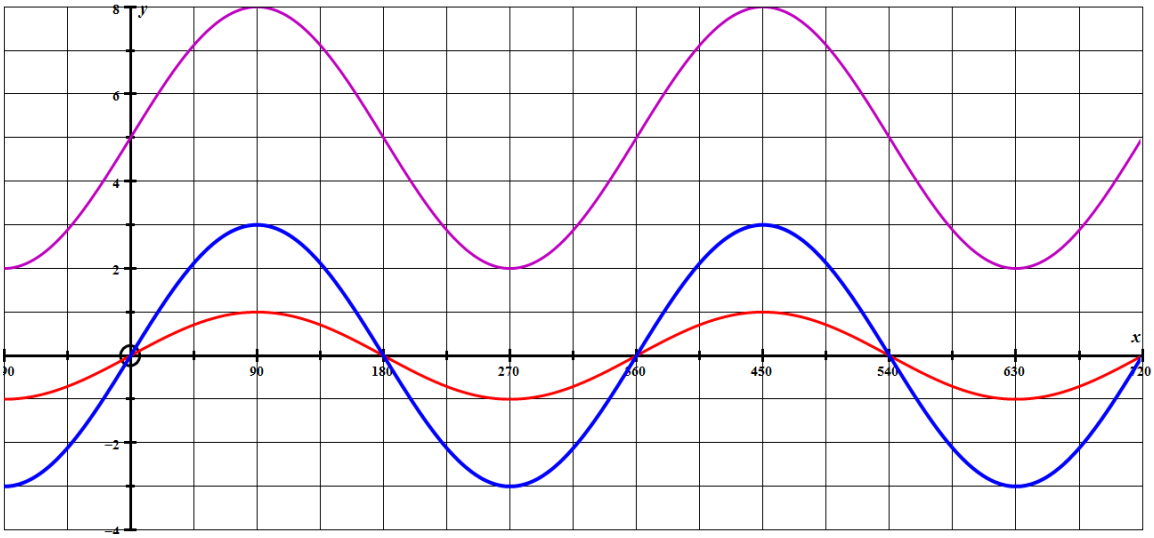

3. What would the maximum and minimum y values be for the graph of
   y = 8sin(x) + 7

   MAX = 15 MIN = 1

4. Find an equation in the form ***y = A + Bsin(x)*** so that the maximum value is 12 and the minimum value is 2 ***y = 7 + 5sin(x)***