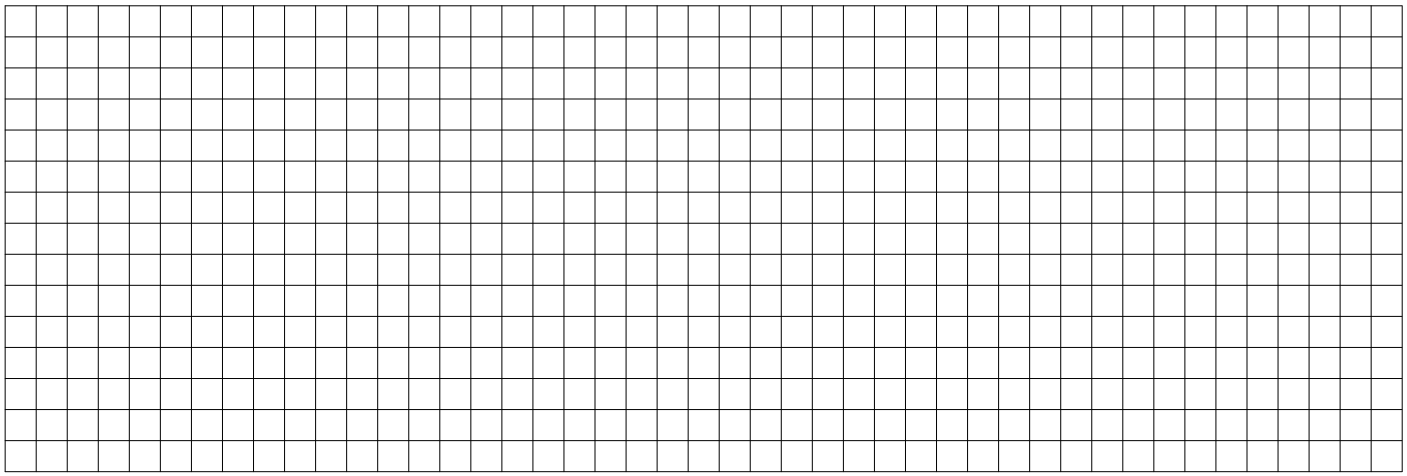
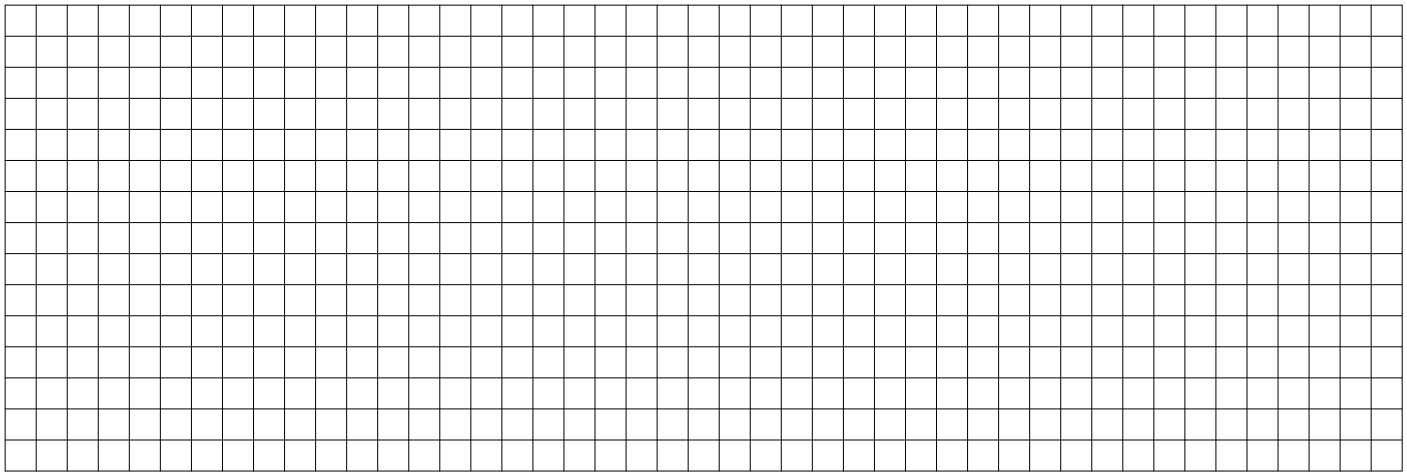
Precalculus Worksheet #3 Unit 4 page 1 _____

Sketch a graph of each of the following.

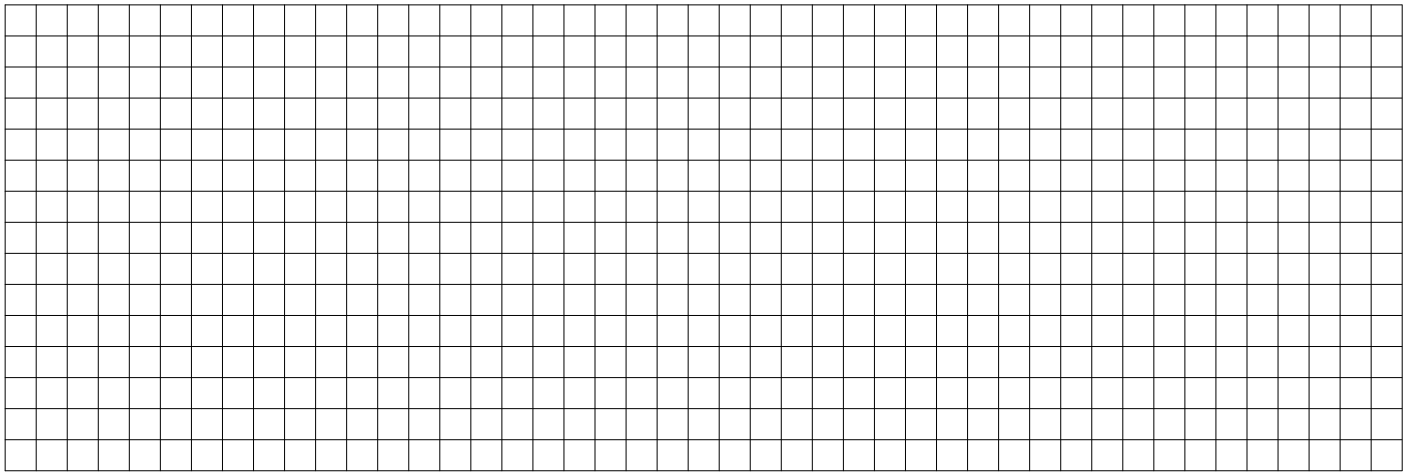
1. $y = 1.5\sin(x - \pi/4) + 0.5$



2. $y = -2\sin(x/3) - 1$



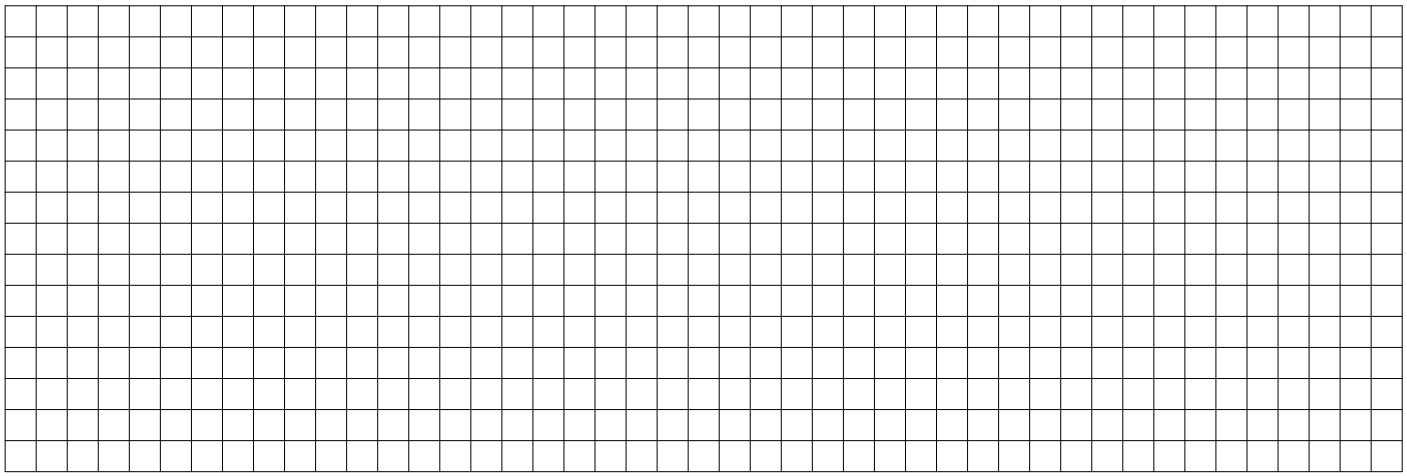
3. $y = 2\sin(2x)$



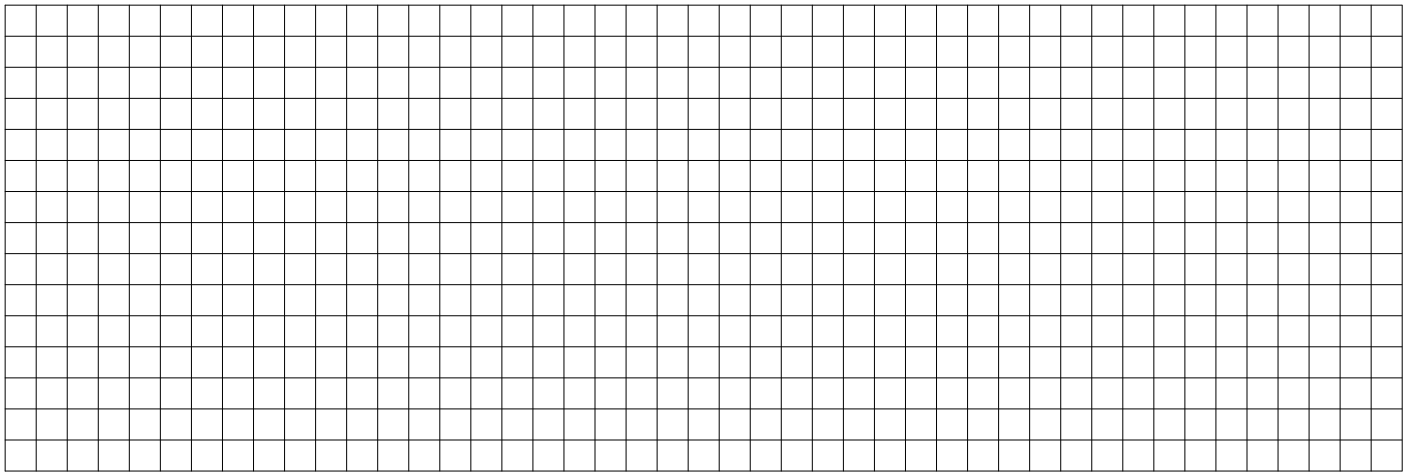
Precalculus Worksheet #3 Unit 4 page 2

Sketch a graph of each of the following.

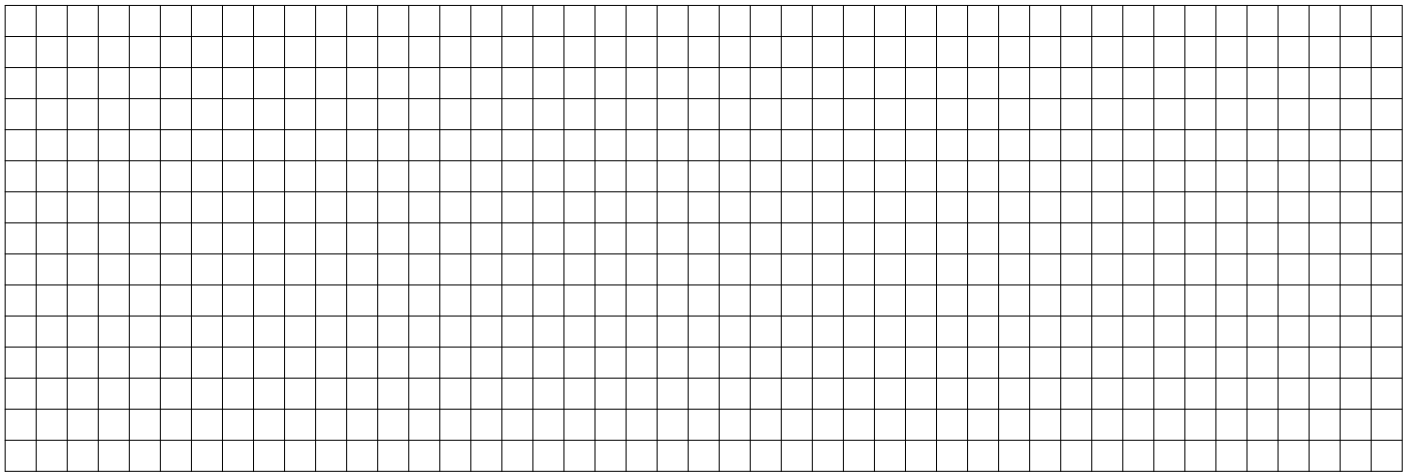
4. $y = \sin(\pi x/6) + 1$



5. $y = -\cos(x/4) - 1$



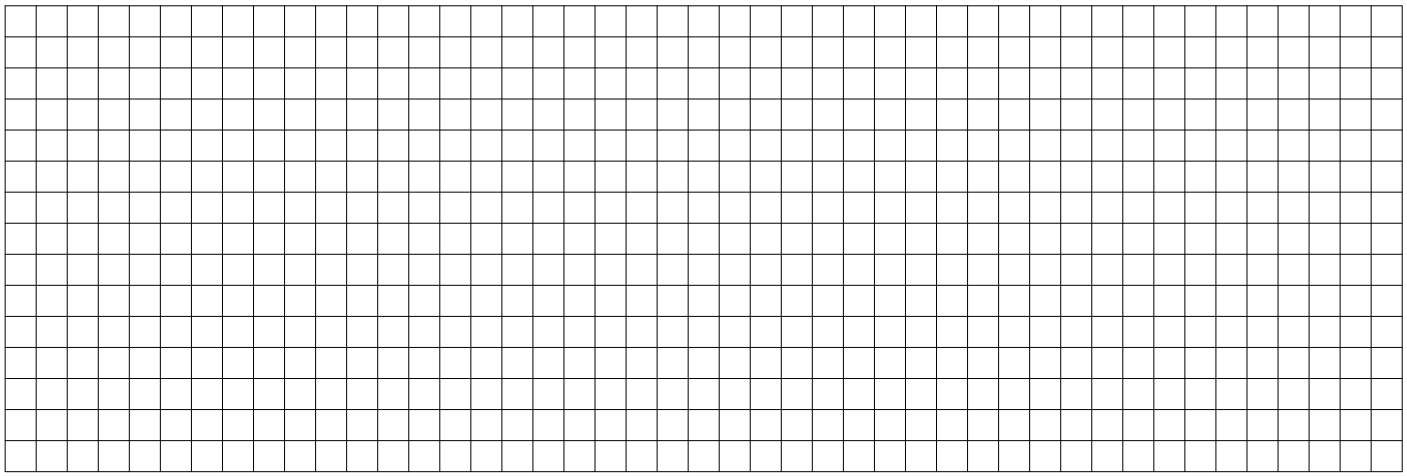
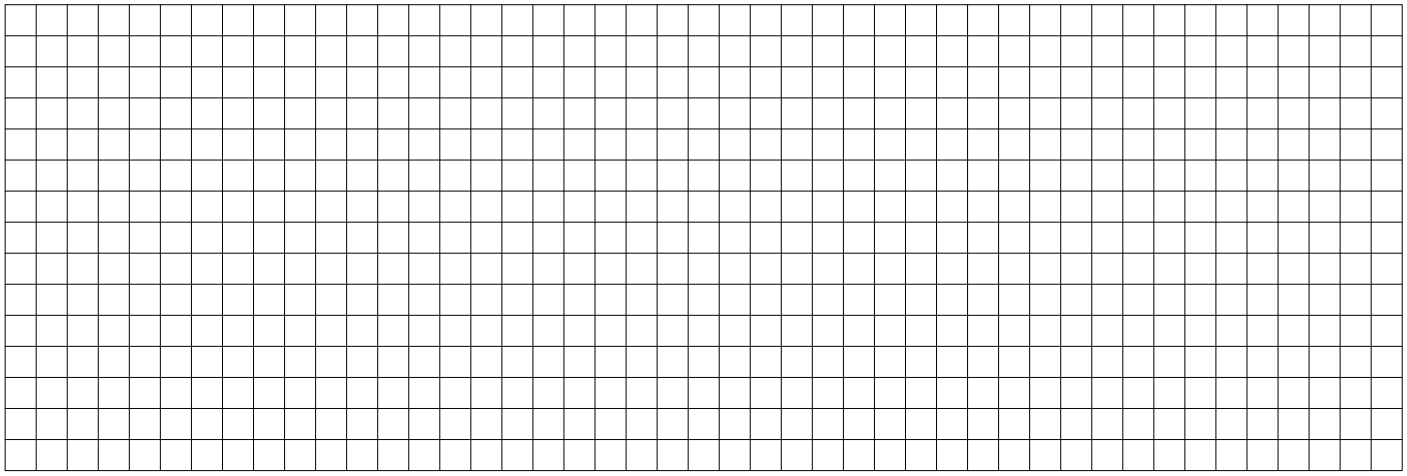
6. $y = 0.5\cos(2x) - 1$



Precalculus Worksheet #3 Unit 4 page 3

Sketch a graph of each of the following.

7. $y = 3\text{Cos}(\pi x/3) - 3$



8. $y = \text{Cos}(x + \pi/4) + 1$