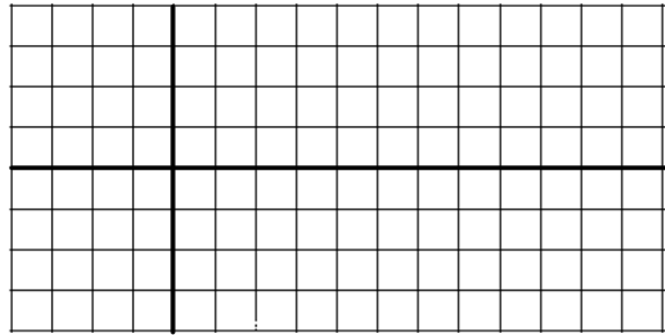
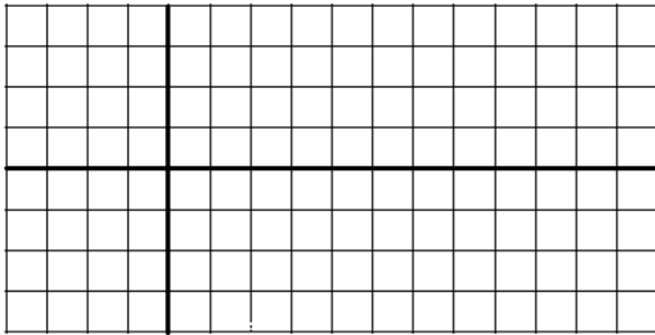


Graph at least **ONE** fundamental period (NO Calculator). Graph must extend at least one point to the left of the origin. **Label each axis clearly.**

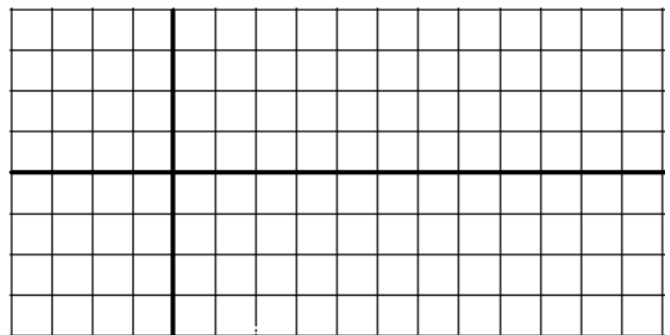
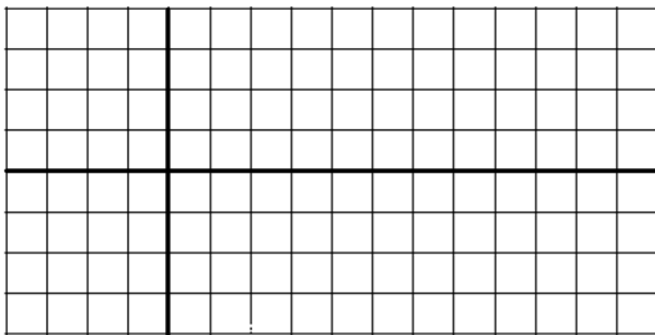
1.  $y = 2\sin 3x$

2.  $y = 2 - \cot \frac{1}{2}x$



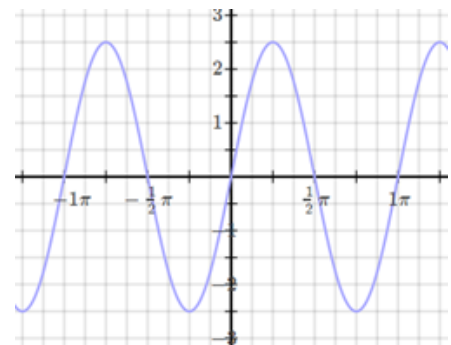
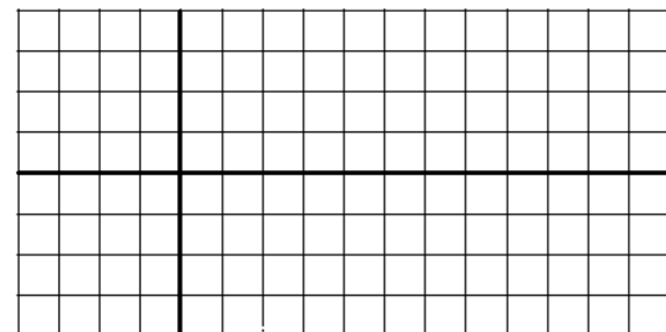
3.  $y = -\frac{1}{3}\cos(2x - \pi)$

4.  $y = \tan 2(x + \frac{\pi}{4})$



5.  $y = \sec \frac{1}{3}(x - \pi)$

6. Write a Sine and a Cosine **Equation** the graph.



Sine Equation: \_\_\_\_\_

Cosine Equation: \_\_\_\_\_