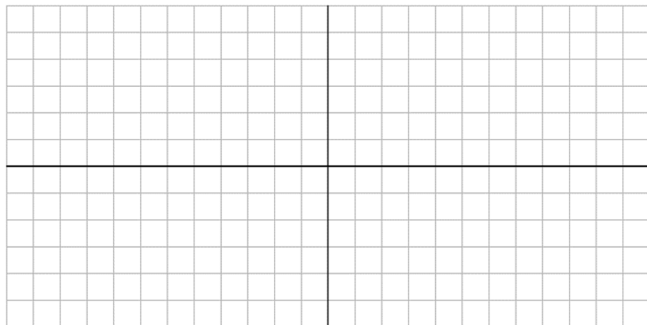
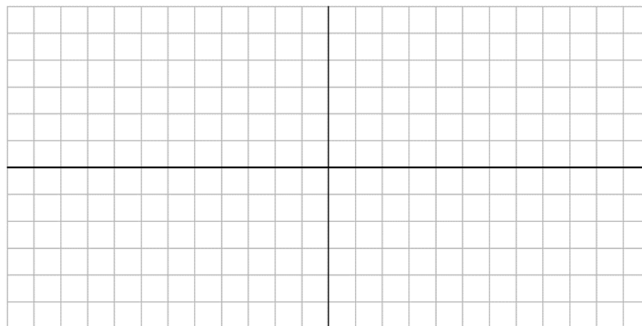


Sketch the graph of the function by hand. Identify the amplitude, period, phase shift, and vertical shift of the graph.

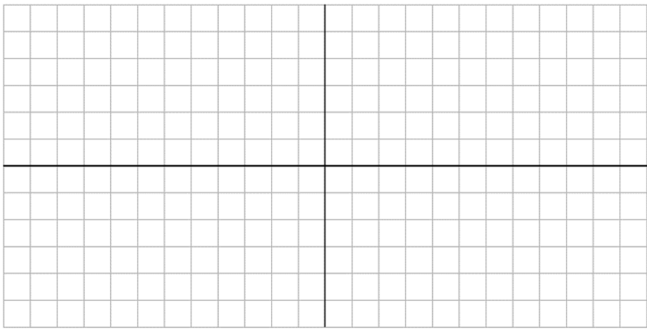
1. $y = 2\sin(x)$



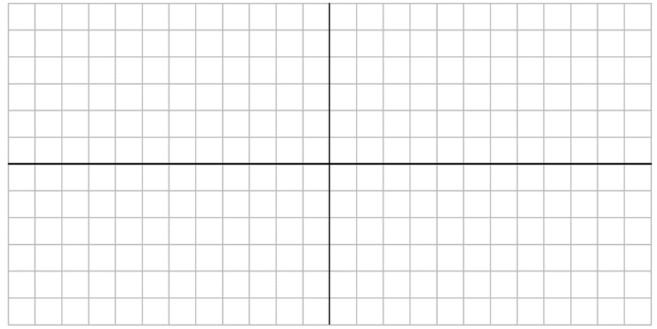
2. $y = 0.5\cos(x)$



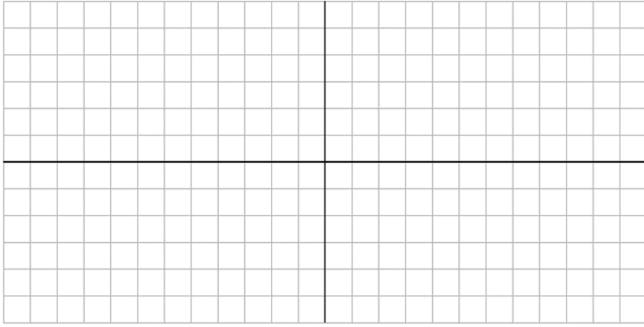
3. $y = \sin(2x) - 1$



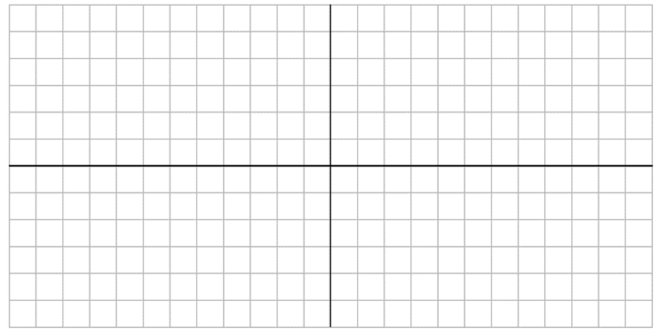
4. $y = \cos\left(\frac{x}{2}\right) + 2$



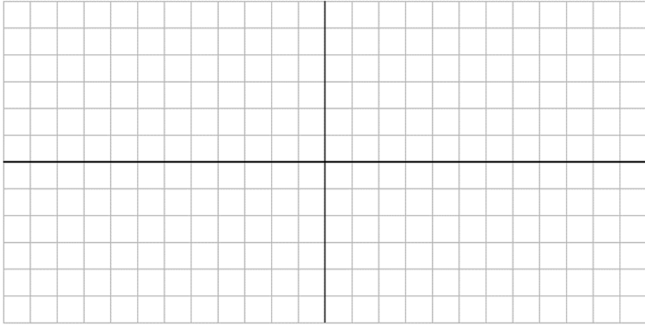
5. $y = 3 \sin\left(x + \frac{\pi}{3}\right)$



6. $y = -1.5 \cos(x) + 1$



7. $y = \sin\left(\frac{x}{2} - \frac{\pi}{6}\right)$



8. $y = \cos(2x) + 1$

