

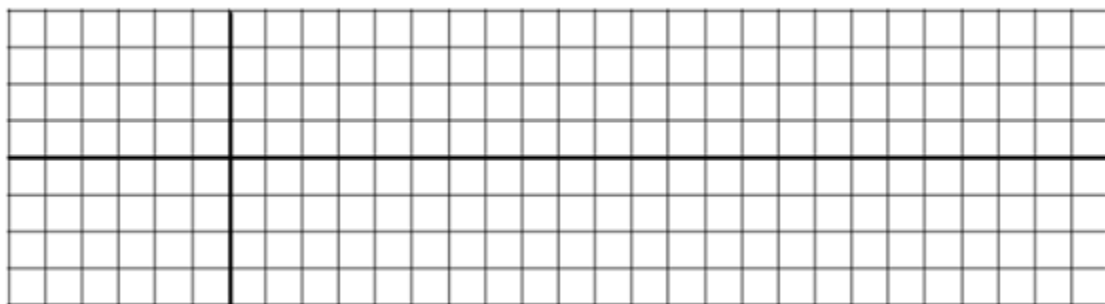
1. $y = \frac{1}{2} \sec x - 2$

Period:

Amplitude:

Vertical Shift:

Phase Shift:



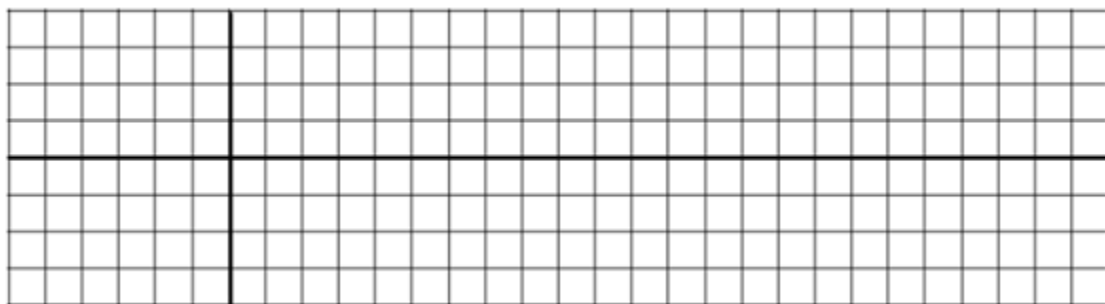
2. $y = -\sec 3\left(x + \frac{\pi}{6}\right)$

Period:

Amplitude:

Vertical Shift:

Phase Shift:



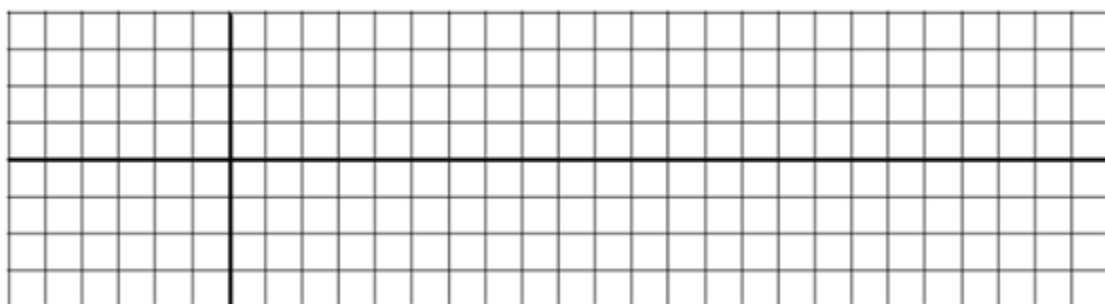
3. $y = 1 - \cos\left(2x + \frac{\pi}{2}\right)$

Period:

Amplitude:

Vertical Shift:

Phase Shift:



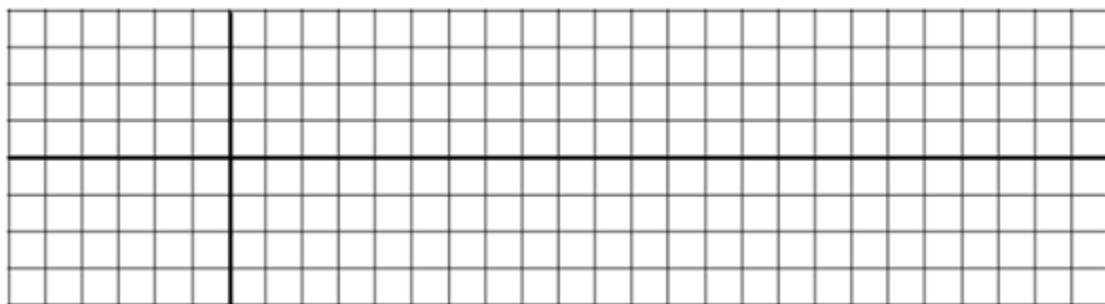
4. $y = \frac{5}{2} \cos \frac{\pi}{4} x - 2$

Period:

Amplitude:

Vertical Shift:

Phase Shift:



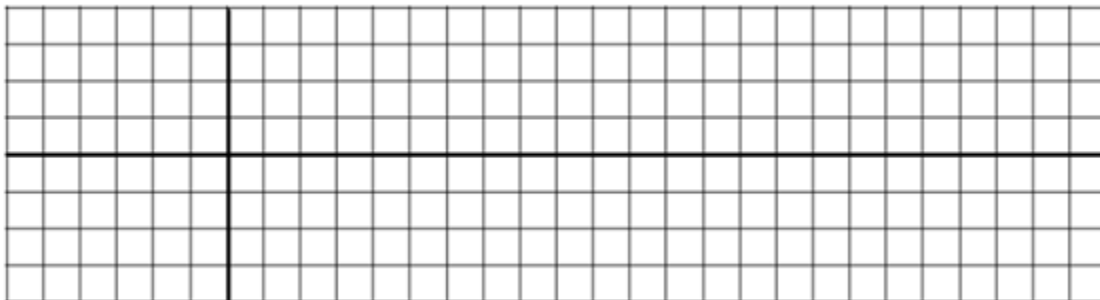
5. $y = -\csc(x - \frac{3}{2}\pi)$

Period:

Amplitude:

Vertical Shift:

Phase Shift:



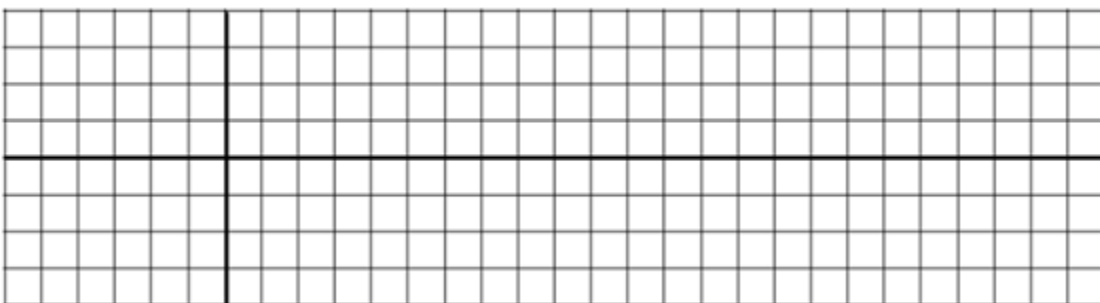
6. $y = 3 \csc(\pi x + 2\pi)$

Period:

Amplitude:

Vertical Shift:

Phase Shift:



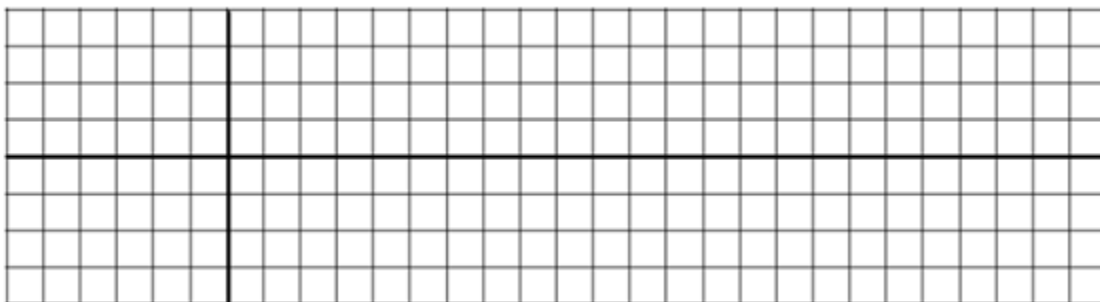
7. $y = 2 - \sin(\frac{1}{3}(x - \frac{4}{3}\pi))$

Period:

Amplitude:

Vertical Shift

Phase Shift



8. $y = \sin(\frac{4}{5}x + \pi) - 1$

Period:

Amplitude:

Vertical Shift:

Phase Shift:

