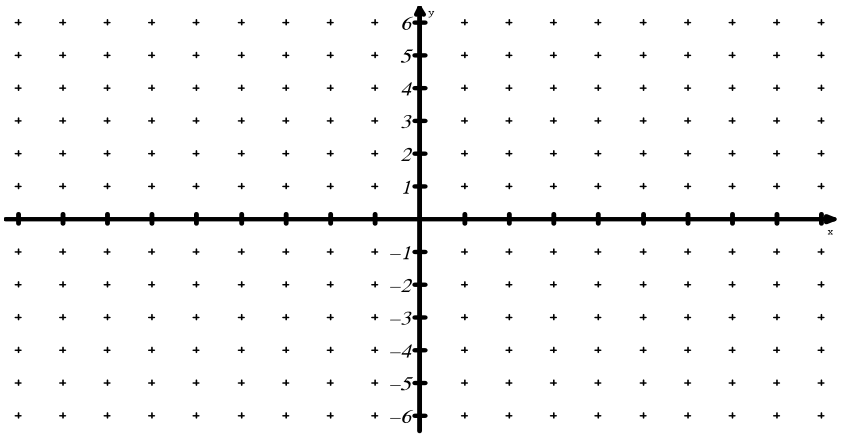
1. $y = 3\sin(2x) - 1$



Amplitude: _____

Period: _____

Unit: _____

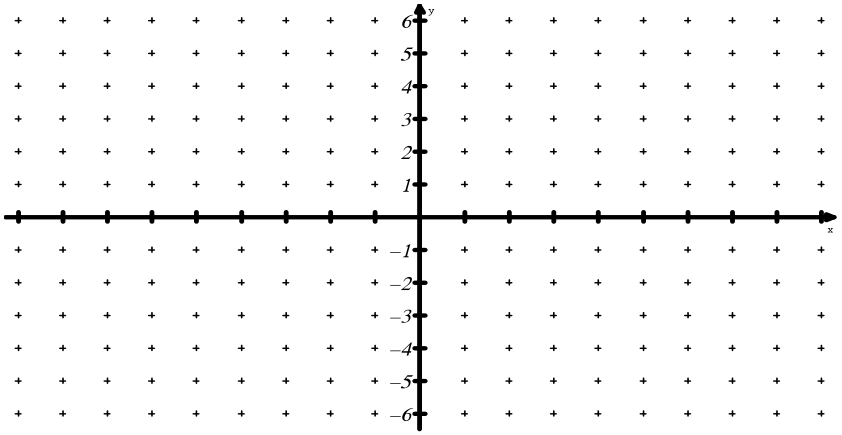
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

2. $y = 2\cos(3x - 4\pi) + 1$



Amplitude: _____

Period: _____

Unit: _____

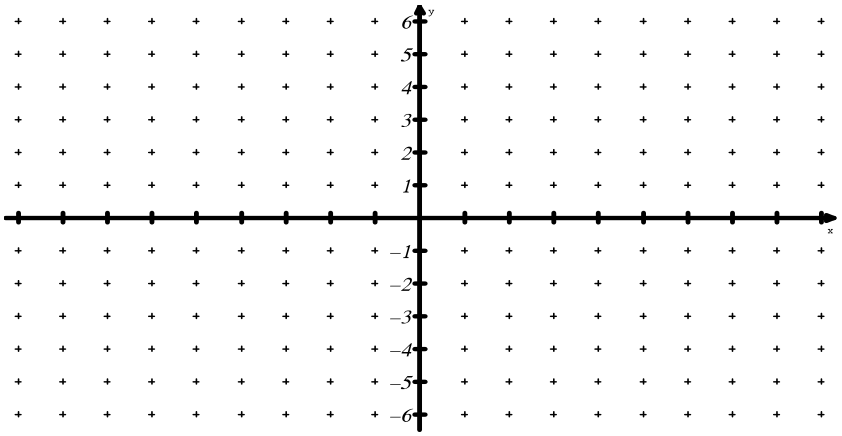
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

3. $y = -\cos\left(\frac{1}{3}x\right) + 4$



Amplitude: _____

Period: _____

Unit: _____

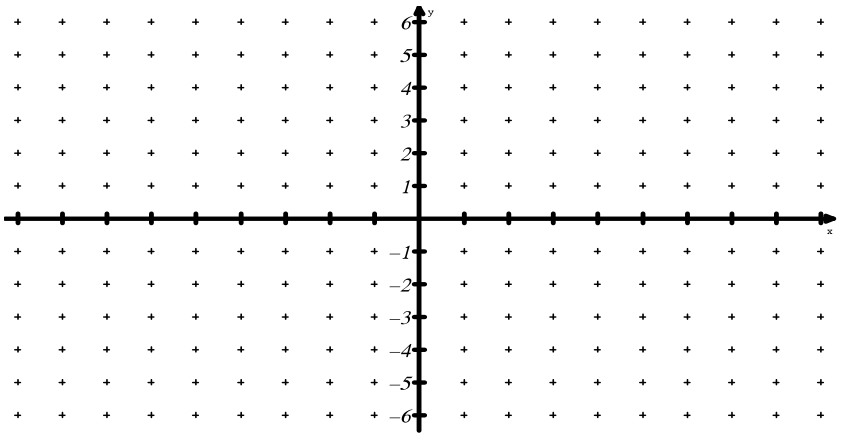
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

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



Amplitude: _____

Period: _____

Unit: _____

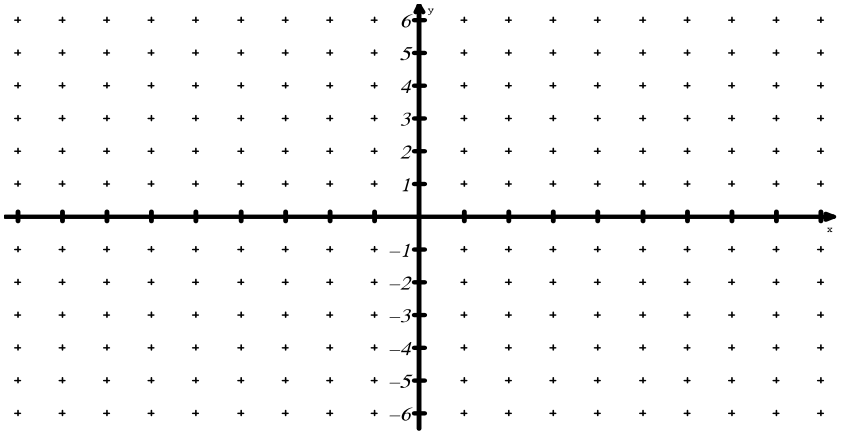
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

5. $y = -2\csc(x + \pi)$



Amplitude: _____

Period: _____

Unit: _____

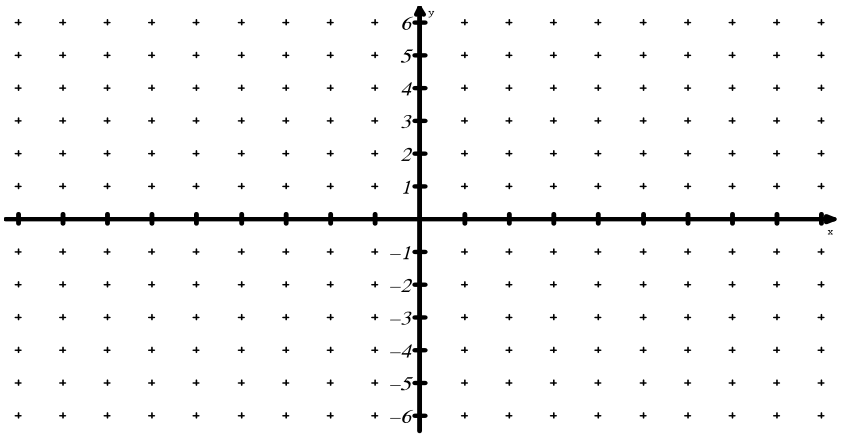
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

6. $y = -5\sec(2x) + 1$



Amplitude: _____

Period: _____

Unit: _____

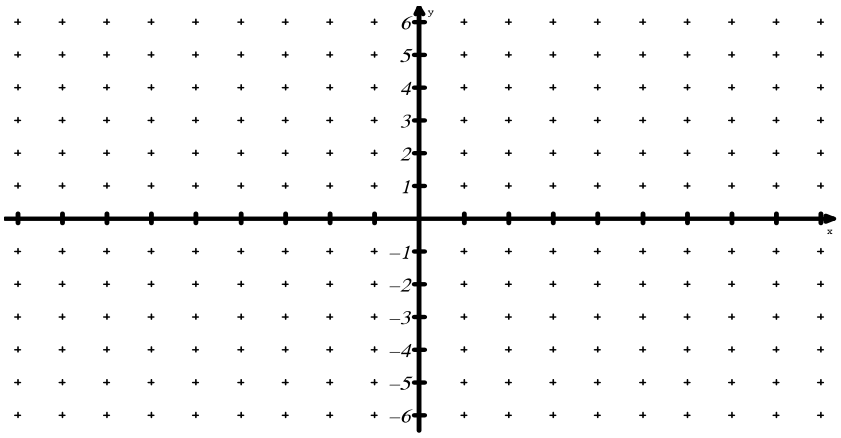
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

7. $y = 3\tan(2x - \pi) + 2$



Amplitude: _____

Period: _____

Unit: _____

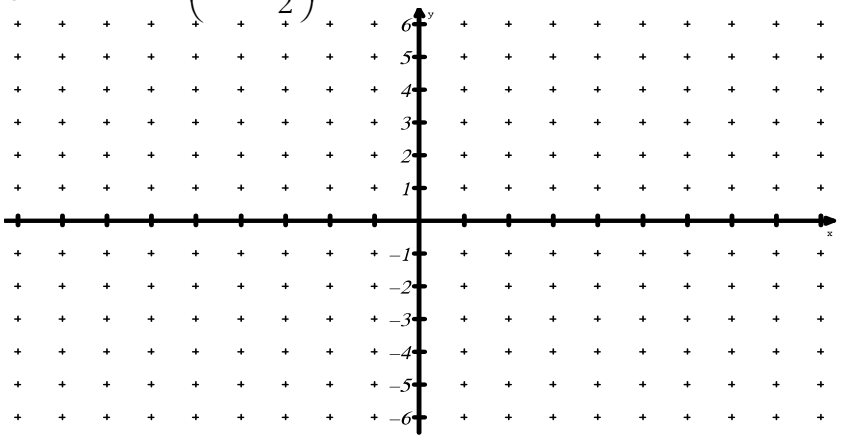
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

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



Amplitude: _____

Period: _____

Unit: _____

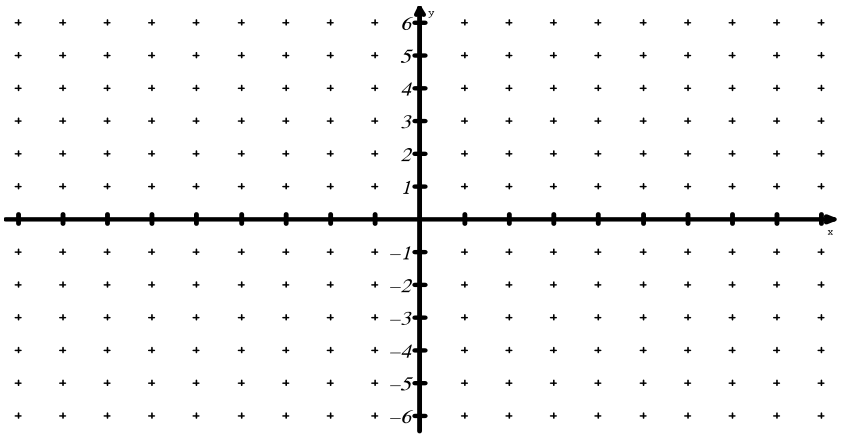
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

9. $y = -5\cot(x + \pi) + 1$



Amplitude: _____

Period: _____

Unit: _____

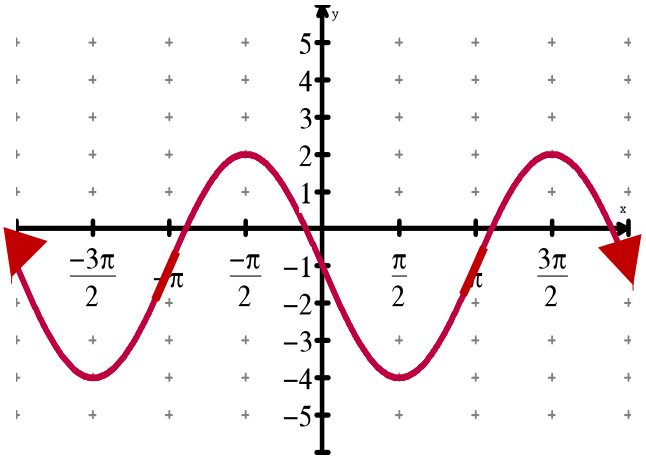
Phase Shift: _____

Vertical Shift: _____

Domain: _____

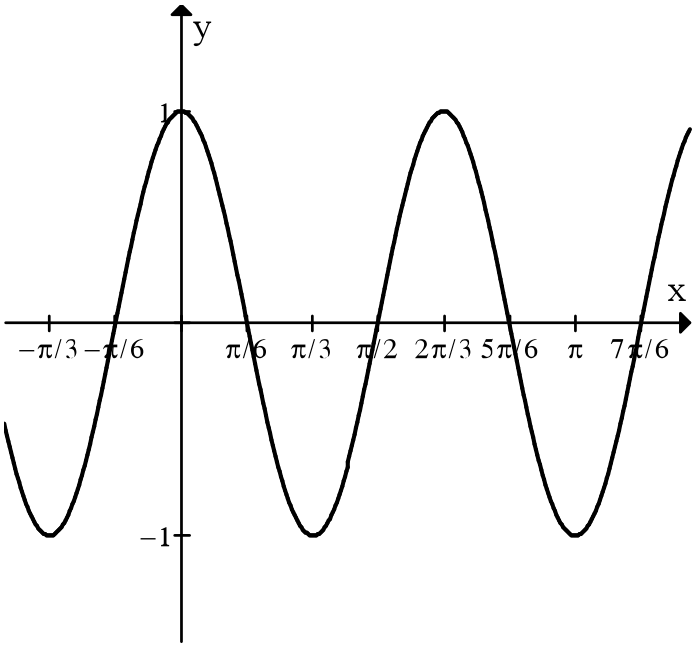
Range: _____

10. Write the equation of the graph as a sine and cosine function.



Sine	Cosine

11. Write the equation of the graph as a sine and cosine function.



Sine	Cosine