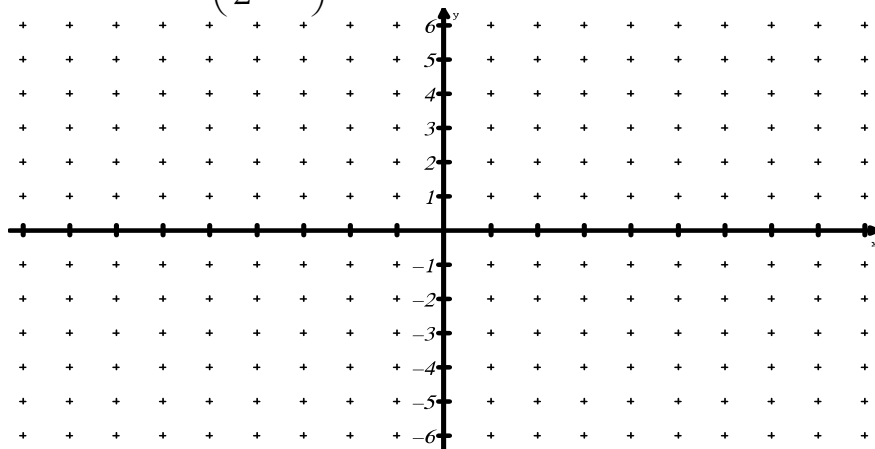


HOMWORK: GRAPHING RECIPROCAL FUNCTIONS

NAME: _____ DAY 6 DUE: _____

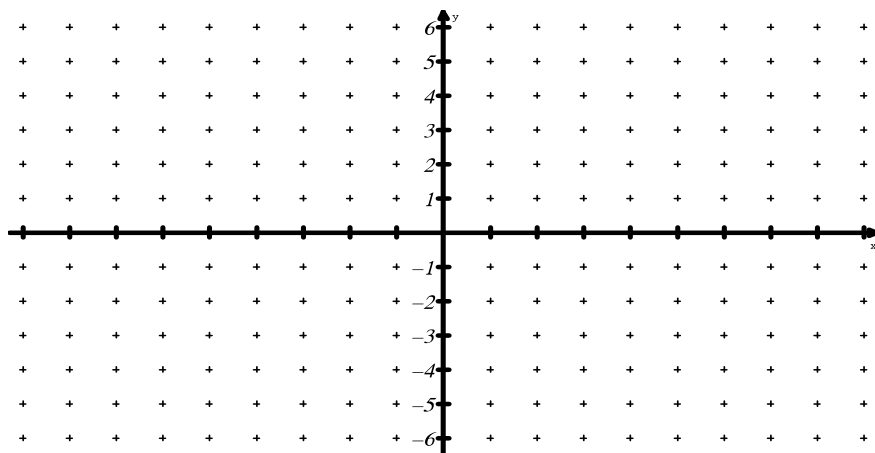
Graph the following trig functions. Be sure to label the x - axis.

1. $y = -2\sec\left(\frac{\theta}{2} - \pi\right) + 1$



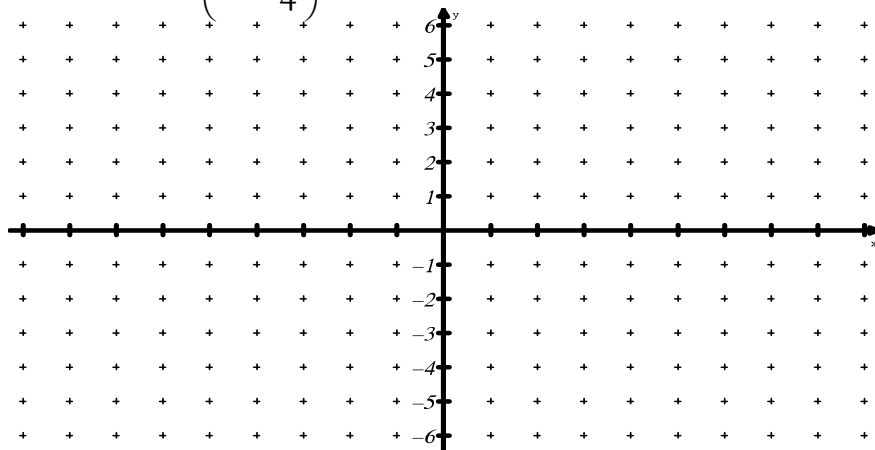
Amplitude: _____
 Period: _____
 Unit: _____
 Phase Shift: _____
 Vertical Shift: _____
 Domain: _____
 Range: _____

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



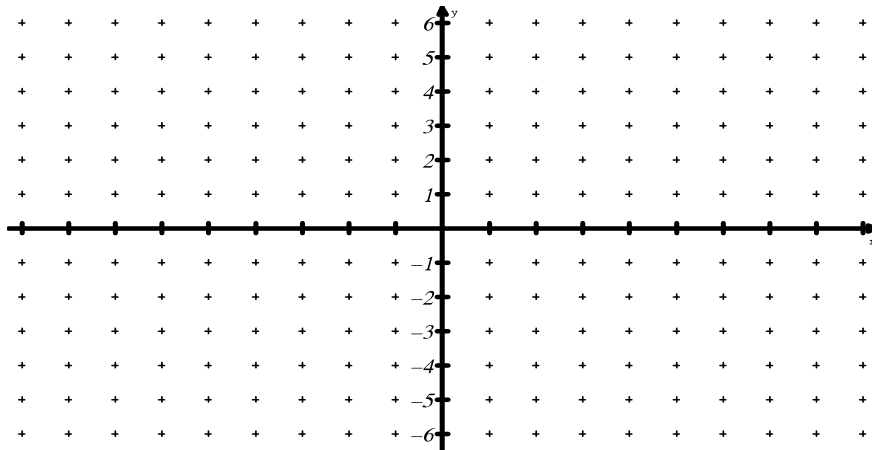
Amplitude: _____
 Period: _____
 Unit: _____
 Phase Shift: _____
 Vertical Shift: _____
 Domain: _____
 Range: _____

3. $y = 4\csc\left(x - \frac{\pi}{4}\right)$



Amplitude: _____
 Period: _____
 Unit: _____
 Phase Shift: _____
 Vertical Shift: _____
 Domain: _____
 Range: _____

4. $y = -3 \sec(2x) - 4$



Amplitude: _____

Period: _____

Unit: _____

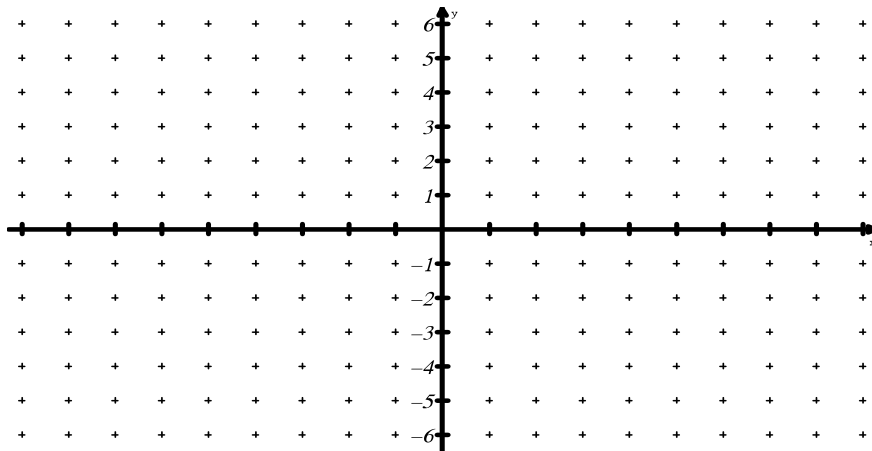
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

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



Amplitude: _____

Period: _____

Unit: _____

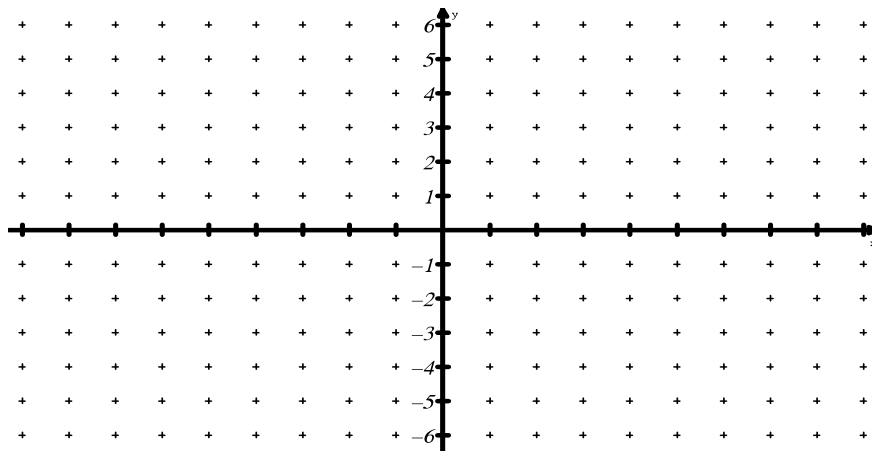
Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____

6. $y = -\cot\left(4x + \frac{\pi}{2}\right)$



Amplitude: _____

Period: _____

Unit: _____

Phase Shift: _____

Vertical Shift: _____

Domain: _____

Range: _____