

OTHER TRIGONOMETRIC GRAPHS

Examples

Analysis

NAME _____

DATE _____ BLOCK _____

1. $y = 3 \csc \frac{\pi}{4} x - 1$

Period:

Scale:

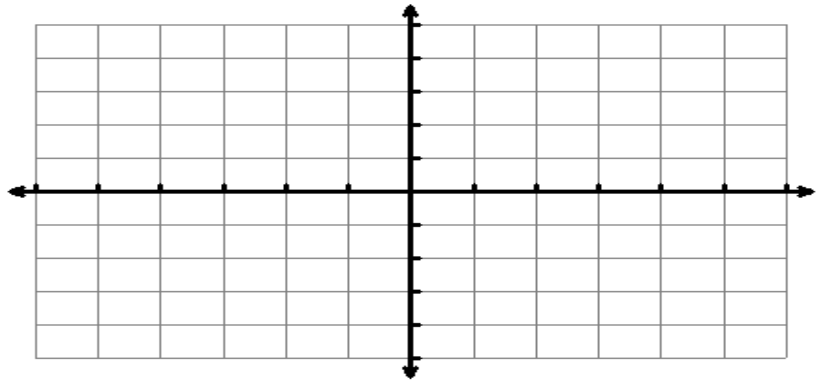
Vertical Shift:

Phase Shift:

Asymptotes:

Domain:

Range:



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

Period:

Scale:

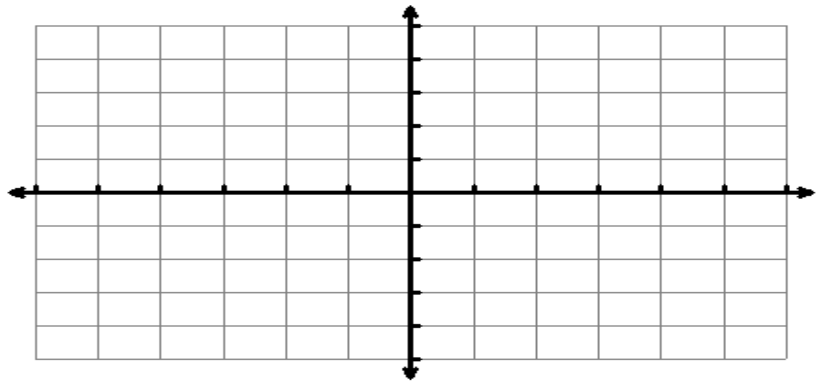
Vertical Shift:

Phase Shift:

Asymptotes:

Domain:

Range:



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

Period:

Scale:

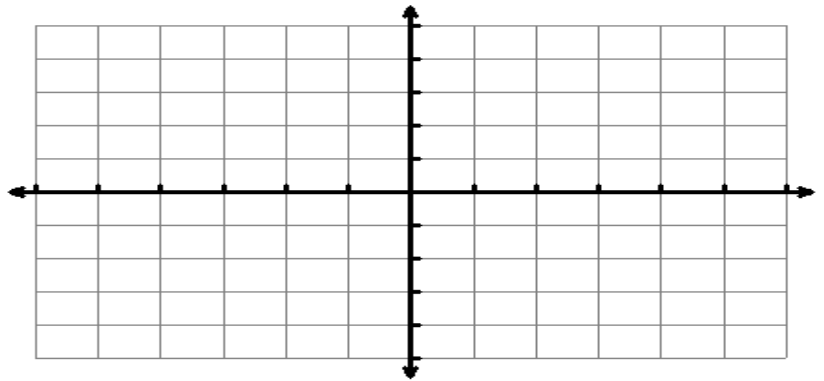
Vertical Shift:

Phase Shift:

Asymptotes:

Domain:

Range:



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

Period:

Scale:

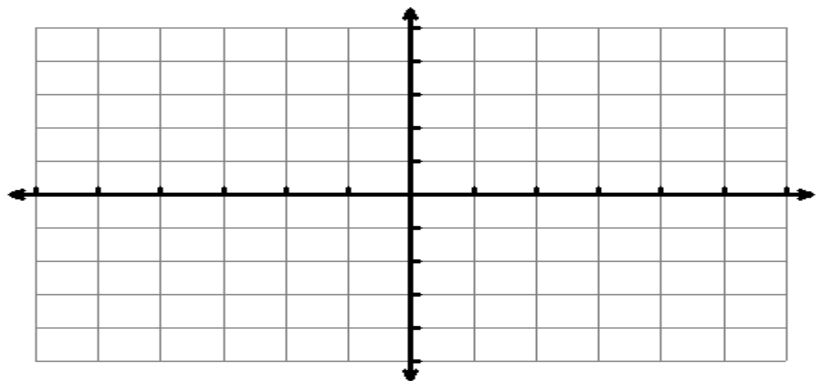
Vertical Shift:

Phase Shift:

Asymptotes:

Domain:

Range:



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

Period:

Scale:

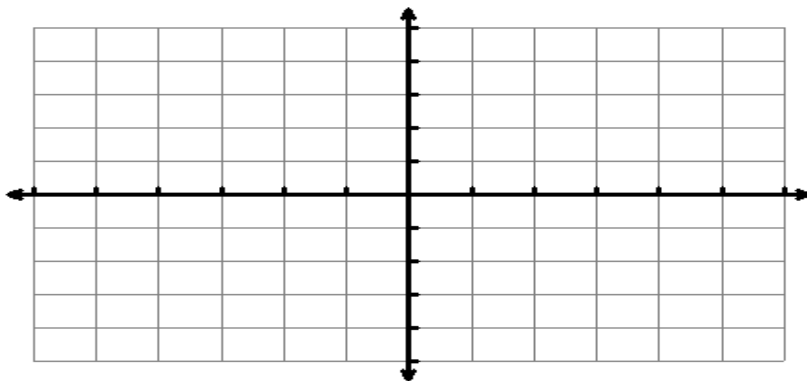
Vertical Shift:

Phase Shift:

Asymptotes:

Domain:

Range:



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

Period:

Scale:

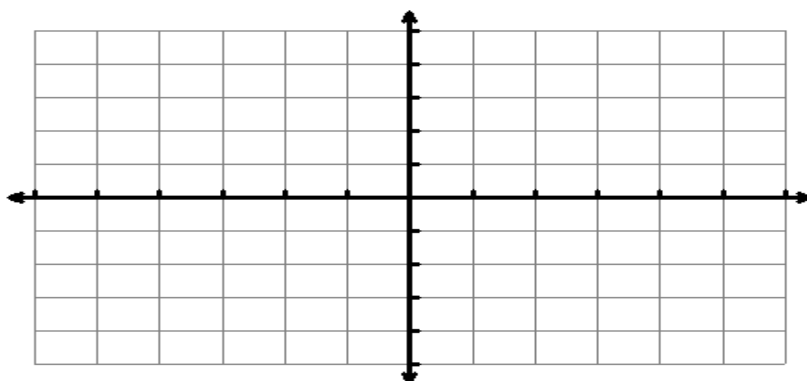
Vertical Shift:

Phase Shift:

Asymptotes:

Domain:

Range:



7. $y = \frac{3}{2} \cot\frac{x}{4} - 2$

Period:

Scale:

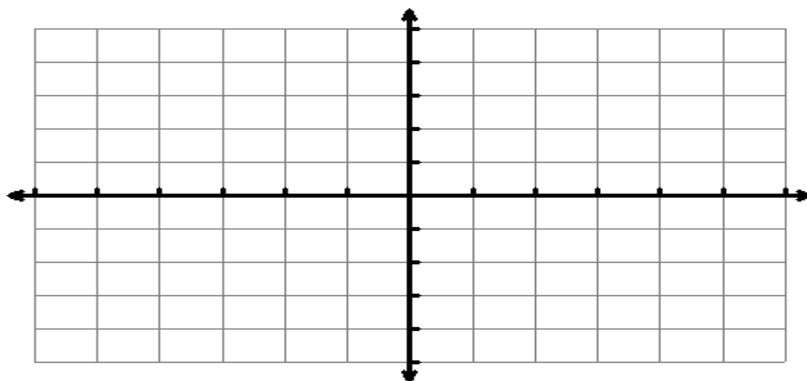
Vertical Shift:

Phase Shift:

Amplitude:

Domain:

Range:



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

Period:

Scale:

Vertical Shift:

Phase Shift:

Amplitude:

Domain:

Range:

