

Graph each function

1. $f(x) = 3\sec(2x - 45^\circ) - 2$

Amplitude: _____

Period: _____

Vertical Shift: _____

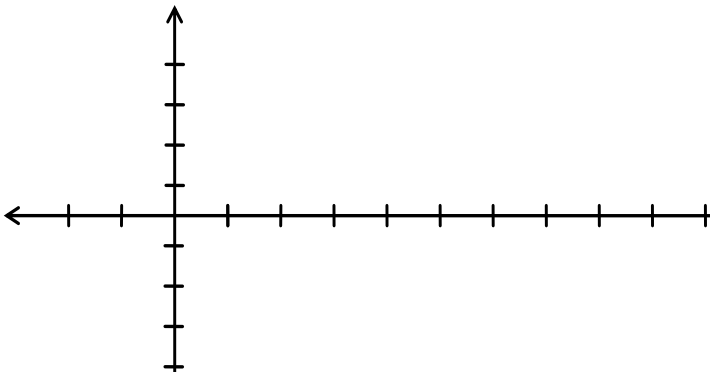
Horizontal Shift _____

Start: _____

End: _____

Increments: _____

x	$f(x)$



2. $f(x) = -2\csc(x - 45^\circ) + 2$

Amplitude: _____

Period: _____

Vertical Shift: _____

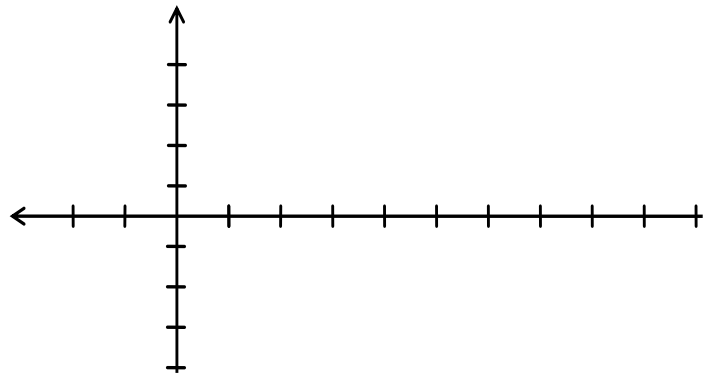
Horizontal Shift _____

Start: _____

End: _____

Increments: _____

x	$f(x)$



Amplitude: _____

Period: _____

Vertical Shift: _____

Horizontal Shift _____

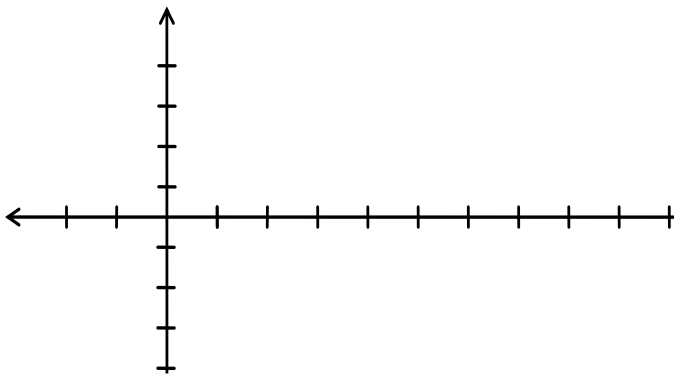
Start: _____

End: _____

Increments: _____

3. $f(x) = -2\csc(x - \frac{\pi}{2}) + 1$

x	$f(x)$



Graph each:

5. $f(x) = 2\sec(2x) - 2$

Amplitude: _____

Period: _____

Vertical Shift: _____

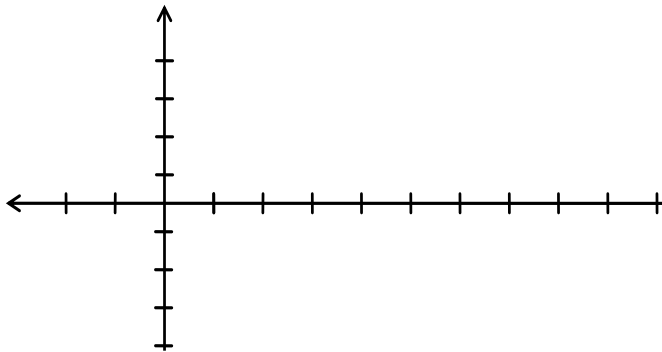
Horizontal Shift _____

Start: _____

End: _____

Increments: _____

x	$f(x)$



4. $f(x) = 3\sec(x + \frac{5\pi}{4})$

Period: _____

Vertical Shift: _____

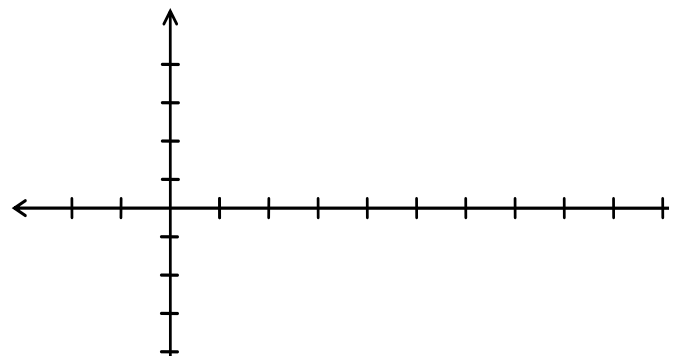
Horizontal Shift _____

Start: _____

End: _____

Increments: _____

x	$f(x)$



6. $f(x) = -\csc(x + 180^\circ) + 2$

Amplitude: _____

Period: _____

Vertical Shift: _____

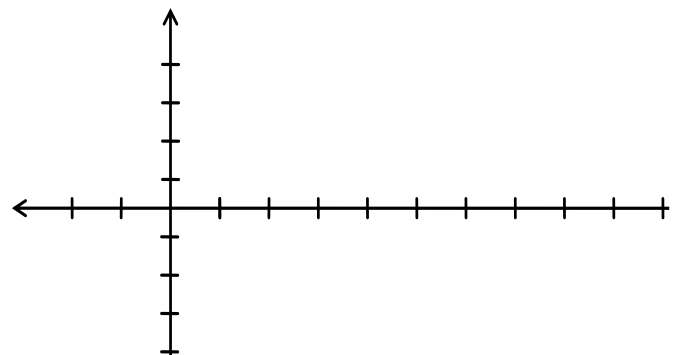
Horizontal Shift _____

Start: _____

End: _____

Increments: _____

x	$f(x)$



7. $f(x) = -2\sec(2x - \pi) - 1$

Amplitude: _____

Period: _____

Vertical Shift: _____

Horizontal Shift _____

Start: _____

End: _____

Increments:

x	$f(x)$

8. $f(x) = 3\csc(x - \pi)$

Amplitude: _____

Period: _____

Vertical Shift: _____

Horizontal Shift _____

Start: _____

End: _____

Increments:

x	$f(x)$

