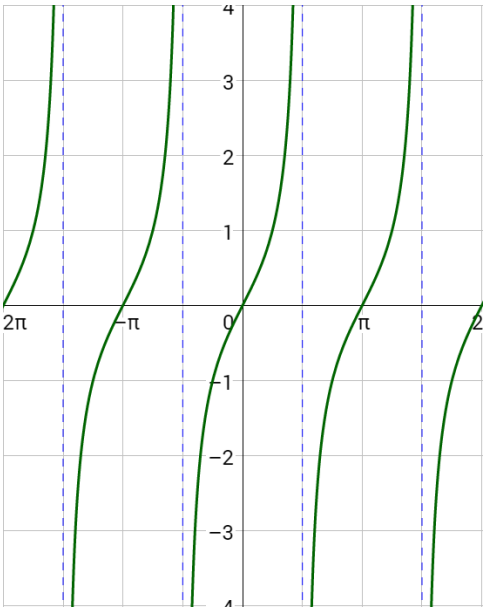
Precalculus

4-07 Graphs of Other Trigonometric Functions

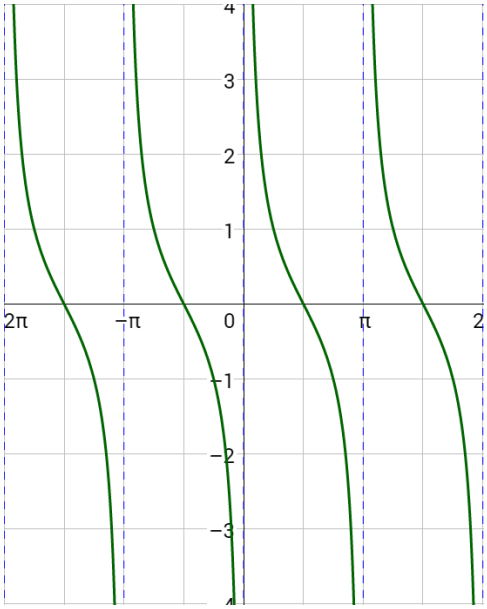
$y = \tan x$

- Period = _____
  - _____
- Asymptotes where tangent undefined, $x =$ _____

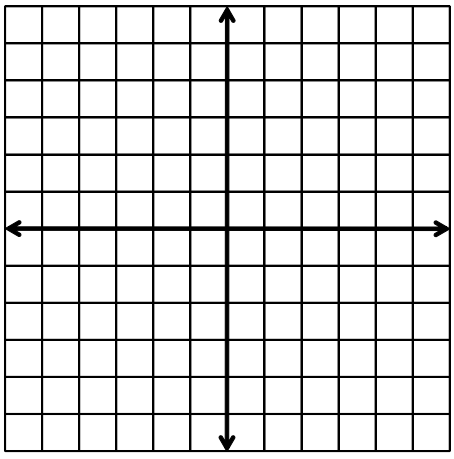


$y = \cot x$

- Period = _____
  - _____
- Asymptotes at x = _____

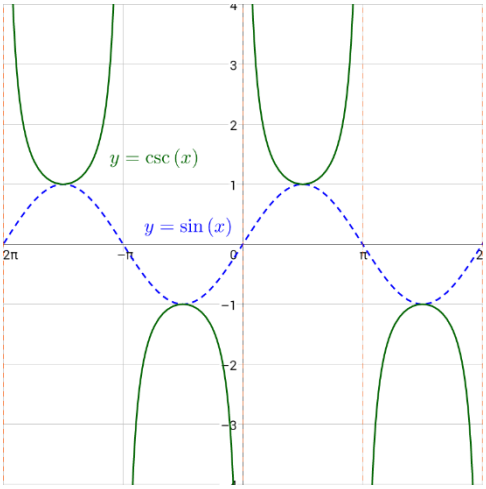


Graph $y = \tan\frac{x}{4}$



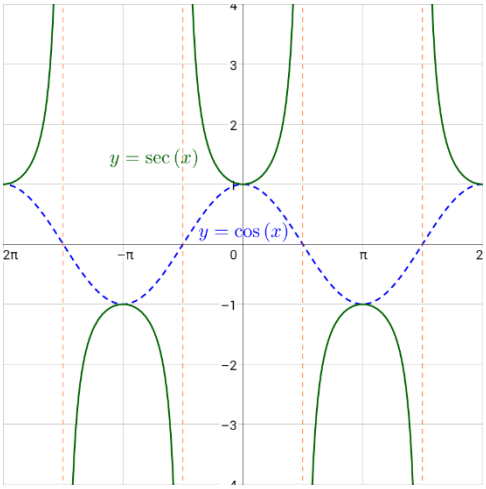
$y = \csc x$

- Period = _____
- Asymptotes where sine = 0
  - $x =$ _____

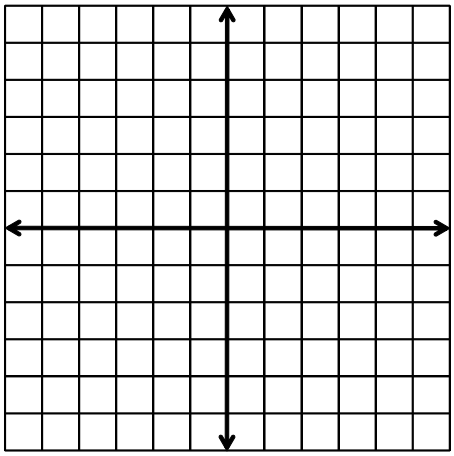


$y = \sec x$

- Period = _____
- Asymptotes where cosine = 0
  - $x =$ _____



Graph $y = 2\csc\left(x + \frac{\pi}{2}\right)$



Damped Trig Functions

- $y = \boxed{x}\sin x$
- The x is the _____function
- Graph the _____function and its _____over x-axis
- Graph the trig _____