

30. Period  $2\pi/3$ ; amplitude 2;  $\left[-\frac{2\pi}{3}, \frac{2\pi}{3}\right]$  by  $[-4, 4]$

$$f(x) = \tan x$$

$$\tan x =$$

Domain:

Range:

Continuity:

Increasing:

Decreasing:

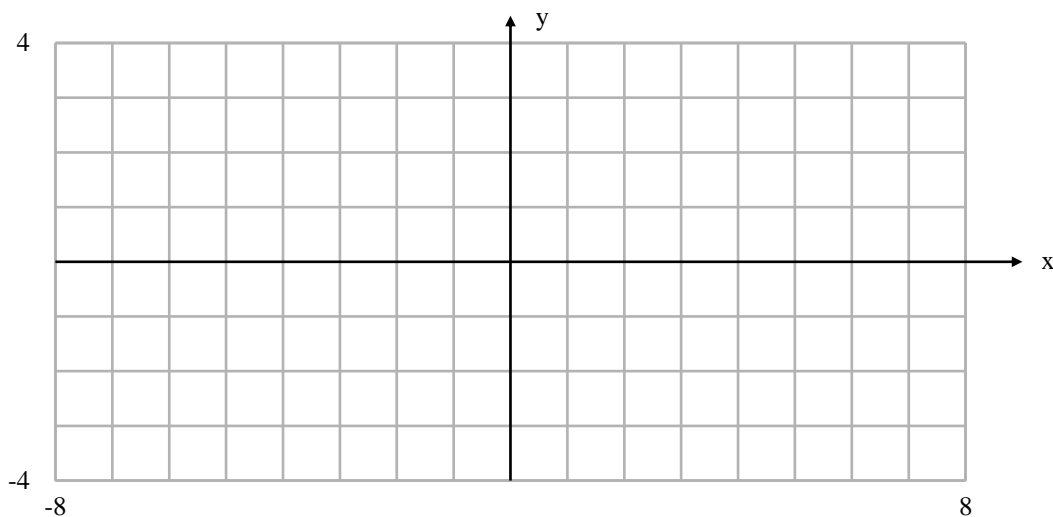
Symmetry:

Boundedness:

Asymptotes:

End Behavior:

Intercepts:



$$f(x) = \cot x$$

$$\cot x =$$

Domain:

Range:

Continuity:

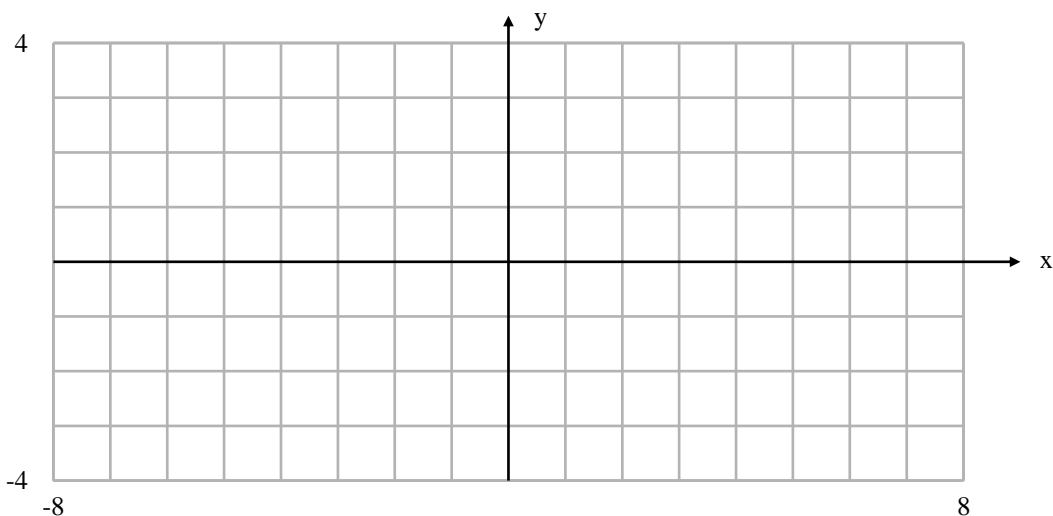
Increasing:

Decreasing:

Symmetry:

Boundedness:

Asymptotes:



# Honors Pre-Calc

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End Behavior:

Intercepts:

$$f(x) = \csc x$$

$$\csc x =$$

Domain:

Range:

Continuity:

Increasing:

Decreasing:

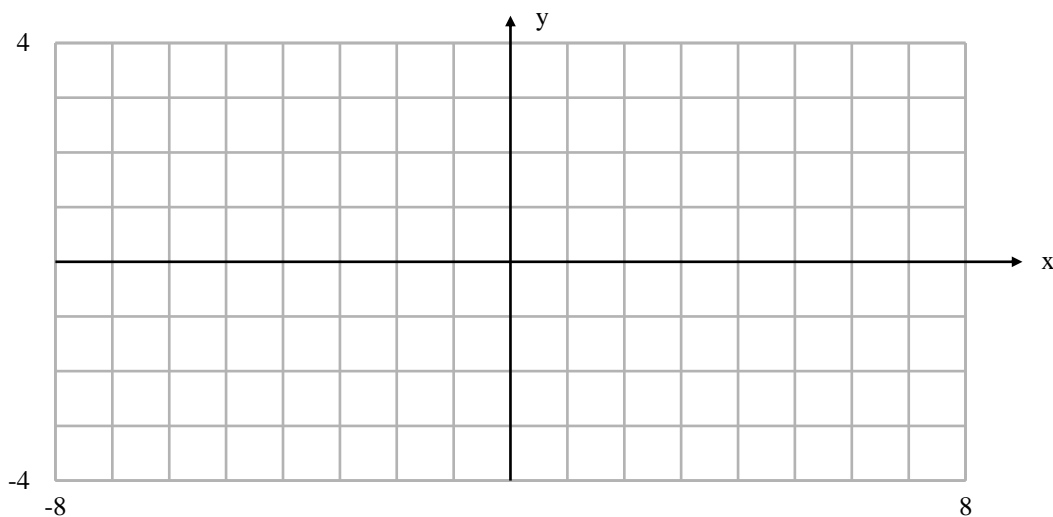
Symmetry:

Boundedness:

Asymptotes:

End Behavior:

Intercepts:



$$f(x) = \sec x$$

$$\sec x =$$

Domain:

Range:

Continuity:

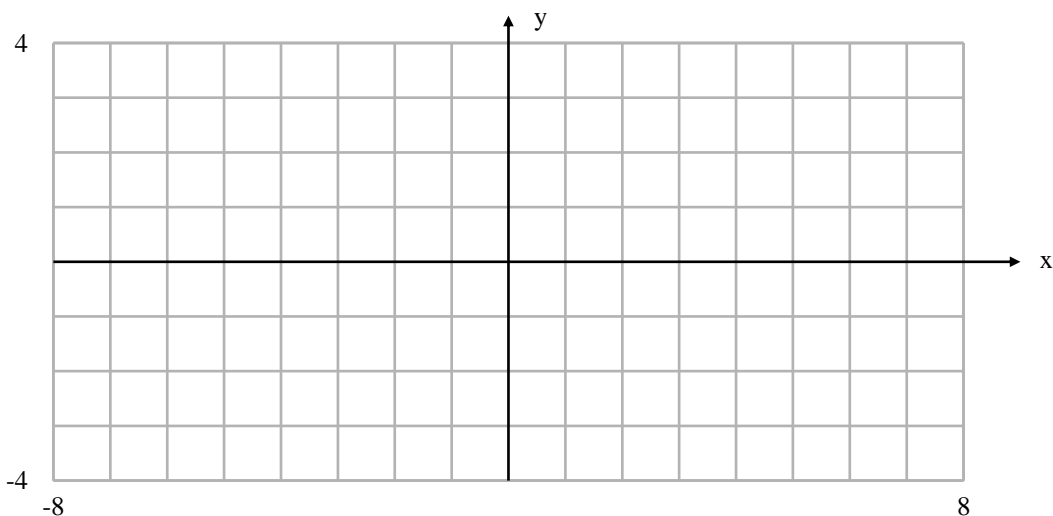
Increasing:

Decreasing:

Symmetry:

Boundedness:

Asymptotes:



# Honors Pre-Calc

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End Behavior:

Intercepts: