

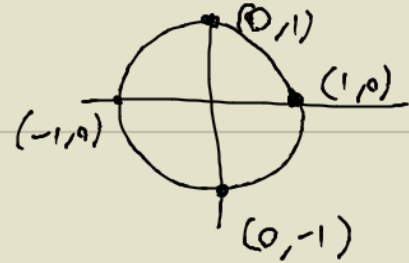
$$y = \sin x$$

$$y = \csc x = \frac{1}{\sin x}$$

3. $y = 5 \csc(4x)$

$$\text{PERIOD} = \frac{2\pi}{b} = \frac{2\pi}{4} = \frac{\pi}{2}$$

$$\csc = \frac{1}{y}$$



X	y
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$\frac{1}{4}P$	0	$5 \csc(4 \cdot 0) = 5 \csc(0) = \text{UND.}$
$\frac{1}{2}P$	$\frac{\pi}{8}$	$5 \csc(4 \cdot \frac{\pi}{8}) = 5 \csc(\frac{\pi}{2}) = 5(1) = 5$
$\frac{3}{4}P$	$\frac{3\pi}{8}$	$5 \csc(4 \cdot \frac{3\pi}{8}) = 5 \csc(\frac{3\pi}{2}) = 5(-1) = -5$
P	$\frac{\pi}{2}$	$5 \csc(4 \cdot \frac{\pi}{2}) = 5 \csc(2\pi) = \text{UND.}$

