

Handout Math 48C Mitchell Schoenbrun

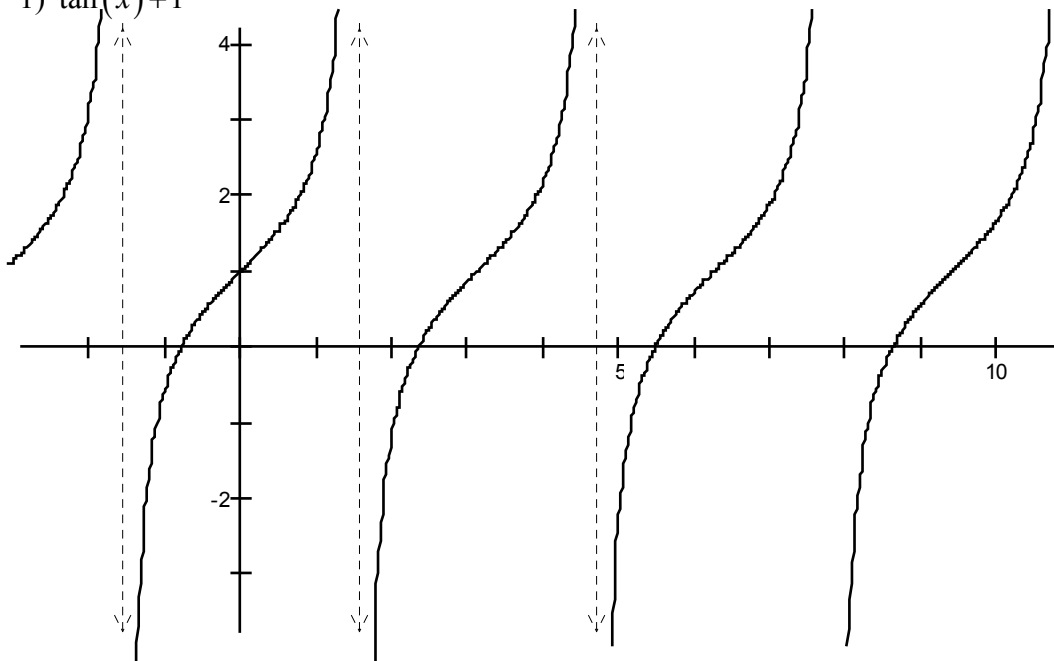
Other Trig Functions:

Enter the EXACT!!!! Function Values, or indicate that they are undefined. You can check these on your calculator.

	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	π	$\frac{5\pi}{6}$	$\frac{5\pi}{4}$	$\frac{5\pi}{3}$
tan	0	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	DNE	$-\sqrt{3}$	0	$-\frac{1}{\sqrt{3}}$	-1	$\sqrt{3}$
cot	DNE	$\sqrt{3}$	1	$\frac{1}{\sqrt{3}}$	0	$-\frac{1}{\sqrt{3}}$	DNE	$-\sqrt{3}$	-1	$\frac{1}{\sqrt{3}}$
sec	1	$\frac{2}{\sqrt{3}}$	$\sqrt{2}$	2	DNE	-2	1	$-\frac{2}{\sqrt{3}}$	$-\sqrt{2}$	-2
csc	DNE	2	$\sqrt{2}$	$\frac{2}{\sqrt{3}}$	1	$\frac{2}{\sqrt{3}}$	DNE	2	$\sqrt{2}$	$-\frac{2}{\sqrt{3}}$

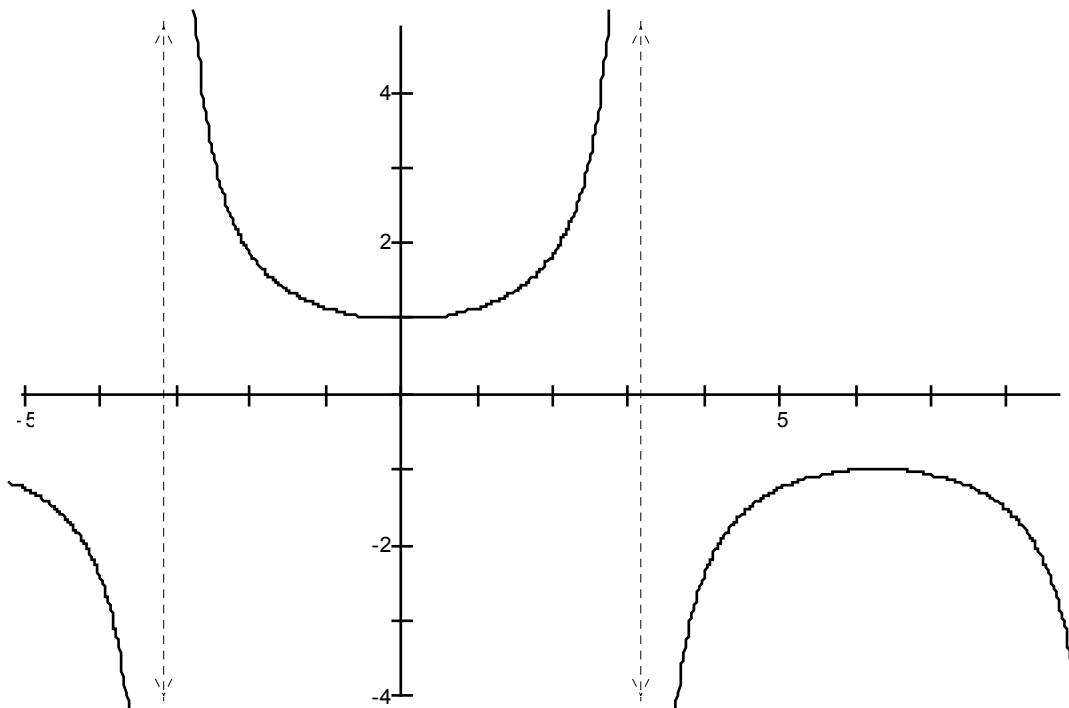
Draw Graphs of these functions. Show any asymptotes.

1) $\tan(x)+1$



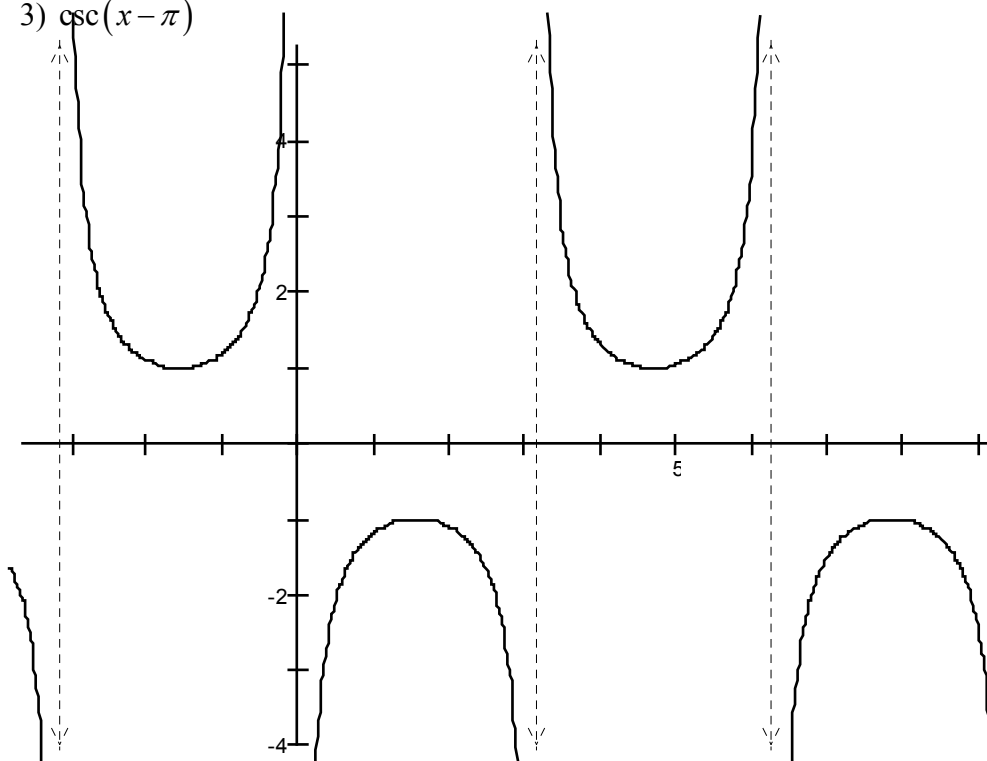
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2) $\sec\left(\frac{x}{2}\right)$



Δ

3) $\csc(x - \pi)$



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