

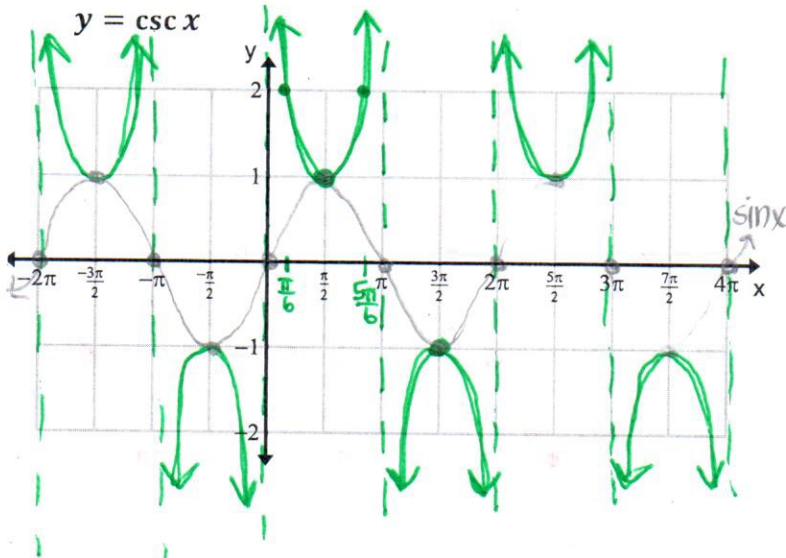


Let's see if we can remember some basic Trig Identities

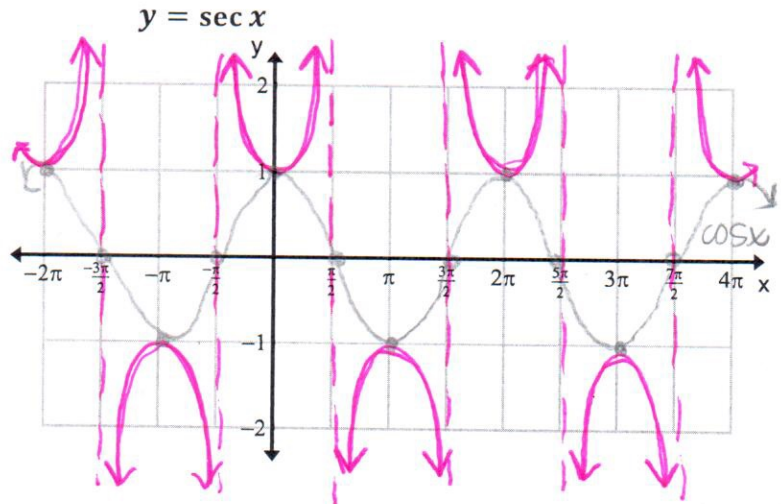
$csc x = \frac{1}{\sin x}$ OR $\frac{1}{y}$	$sec x = \frac{1}{\cos x}$ OR $\frac{1}{x}$	$cot x = \frac{1}{\tan x}$ OR $\frac{\cos x}{\sin x}$ OR $\frac{x}{y}$
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Graphing the co-functions.

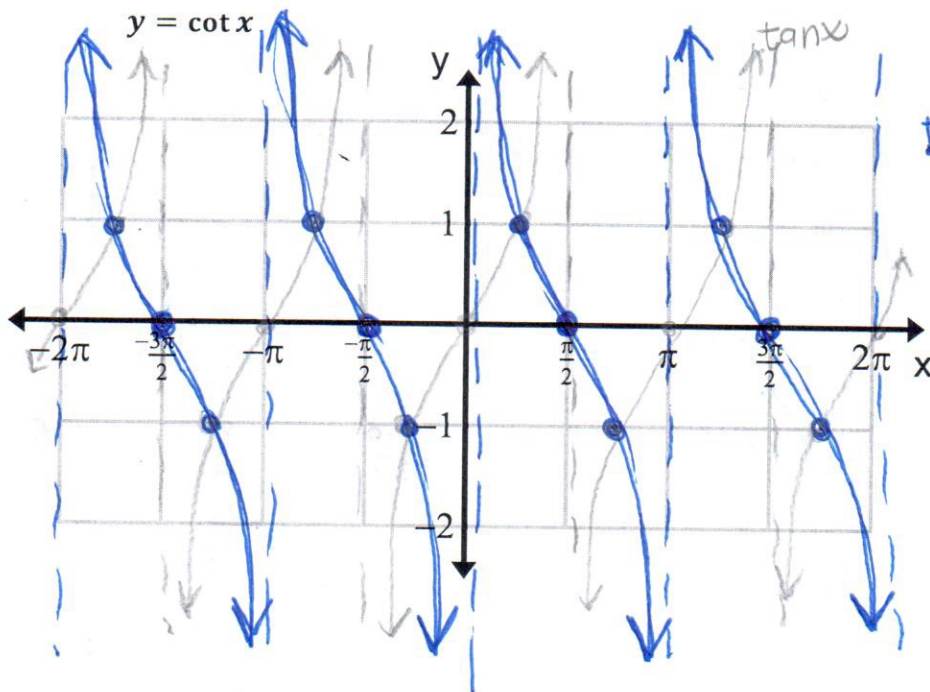
Graph the following by hand. List the domain and range of each.



D: all  $x$ ;  $x \neq 0 + n\pi$   
 R:  $(-\infty, -1] \cup [1, \infty)$   
 per:  $2\pi$   
 amp: NONE



D: all  $x$ ;  $x \neq \frac{\pi}{2} + n\pi$   
 R:  $(-\infty, -1] \cup [1, \infty)$   
 per:  $2\pi$   
 amp: NONE



D: all  $x$ ;  
 $x \neq 0 + n\pi$   
 R:  $(-\infty, \infty)$   
 per:  $\pi$   
 amp: NONE