Math 43 Trigonometric Functions Handout

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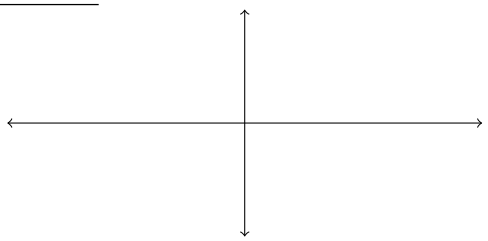
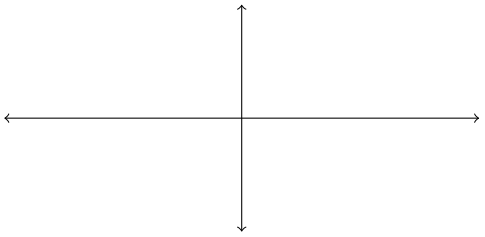
$y = \sin(x)$



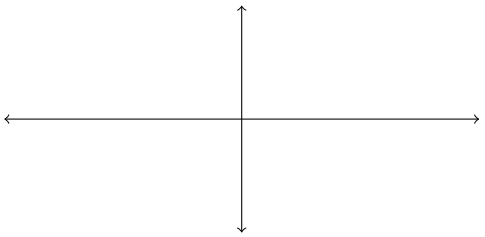
Period	2π
Domain	$(-\infty, \infty)$
Range	$[-1, 1]$
y-intercept	0
x-intercepts	πn for all integers n
Amplitude	2

$y = \cos(x)$



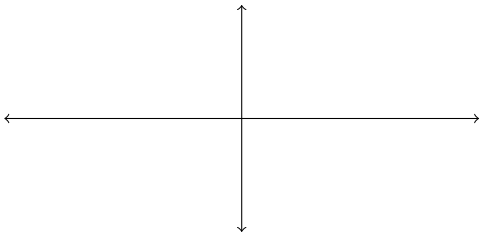
Period	
Domain	
Range	
y-intercept	
x-intercepts	
Amplitude	

$y = \tan(x)$



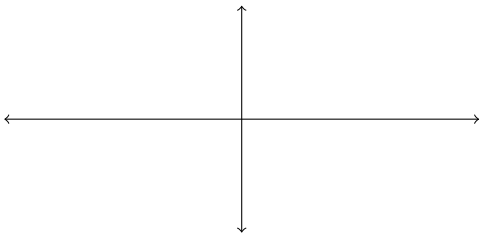
Period	
Vertical asymptotes	
Domain	
Range	
y-intercept	
x-intercepts	

$y = \cot(x)$



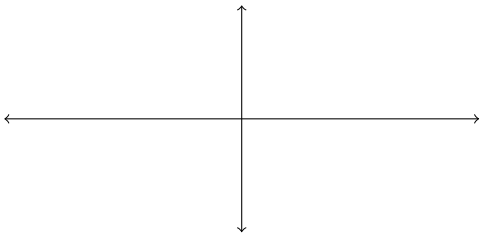
Period	
Vertical asymptotes	
Domain	
Range	
y-intercept	
x-intercepts	

$y = \csc(x)$



Period	
Vertical asymptotes	
Domain	
Range	
y-intercept	
x-intercepts	

$y = \sec(x)$



Period	
Vertical asymptotes	
Domain	
Range	
y-intercept	
x-intercepts	