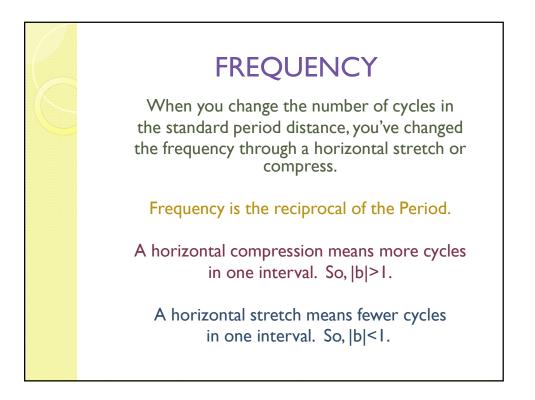


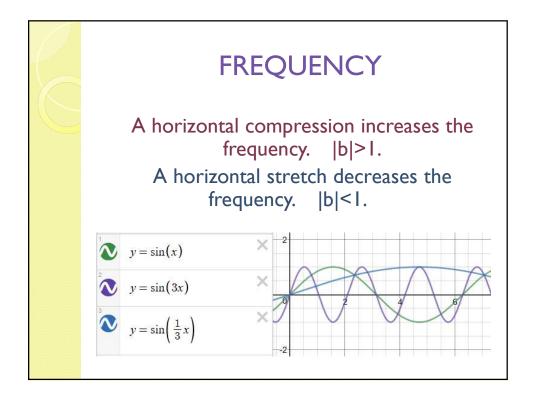


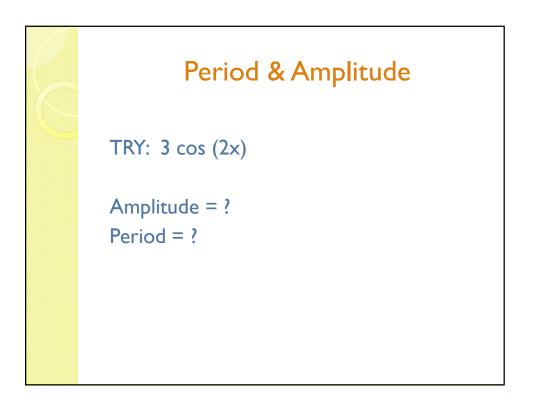
Note that "b" is not the period!

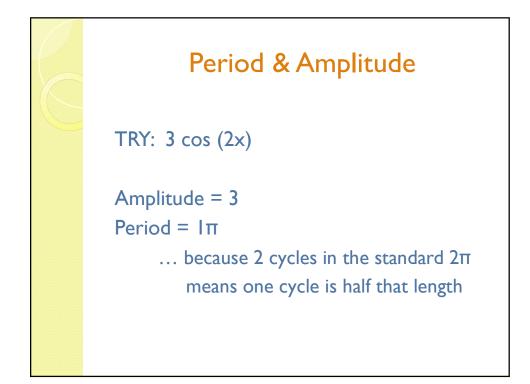
It is the number of cycles in one of the standard periods for that function after the horizontal stretch/compress.

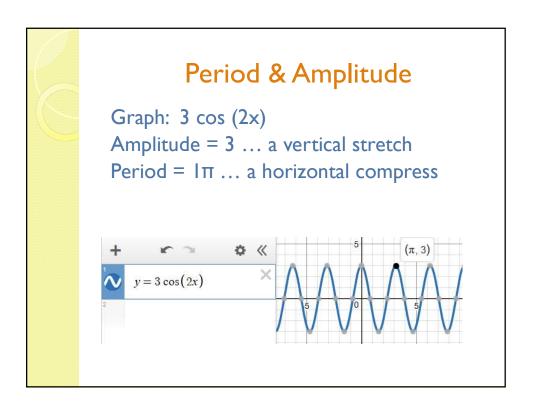
For sin & cos, their standard period is 2π

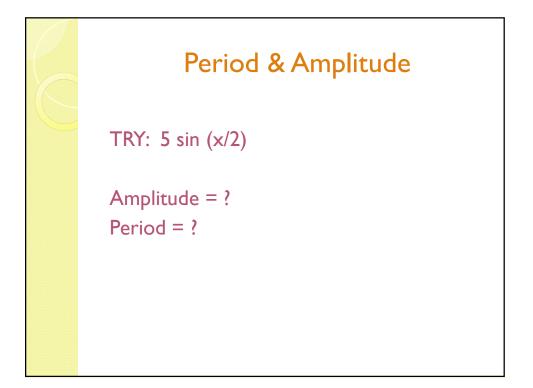


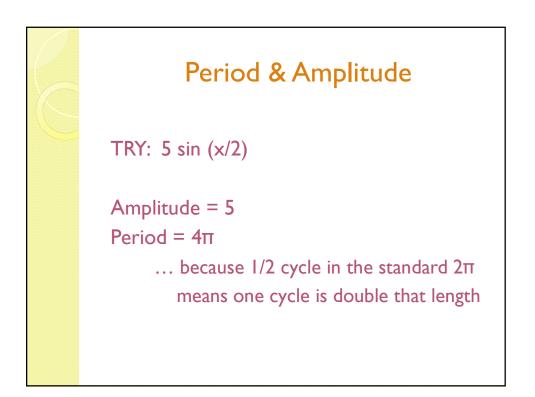


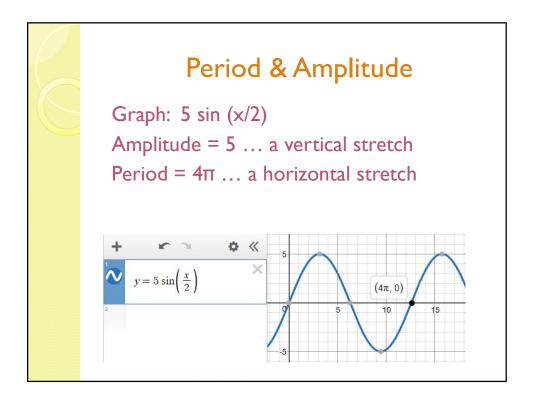


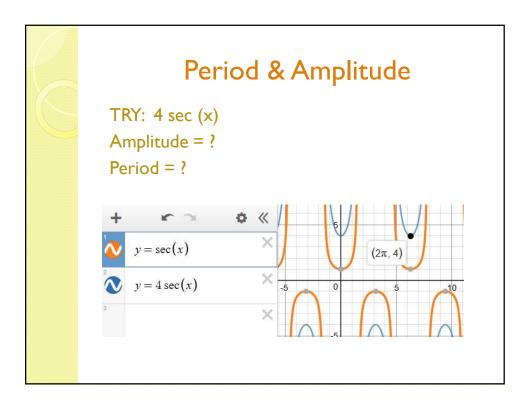


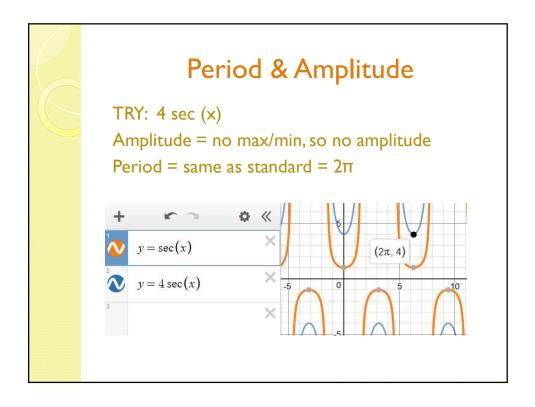


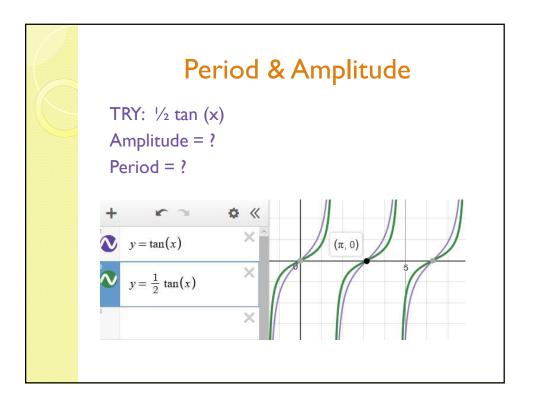


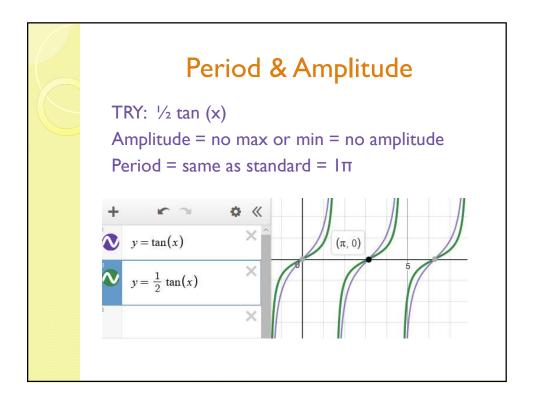












C	Period & Amplitude All the trigonometric functions:							
	Function	Period	Amplitude					
				_				
	$f(x) = \sin x$	2π	1					
	$f(x) = \cos x$	2π	1					
	$f(x) = \tan x$	π	n/a					
	$f(x) = \csc x$	2π	n/a					
	$f(x) = \sec x$	2π	n/a					
	$f(x) = \cot x$	π	n/a					
				-				

All the tri			Amplitude
Function	Period	Amplitude	Periodic Identities $\sin(\theta + 2\pi n) = \sin \theta$
$f(x) = \sin x$	2π	1	$\frac{\sin(\theta + 2\pi n) - \sin \theta}{\cos(\theta + 2\pi n) = \cos \theta}$
$f(x) = \cos x$	2π	1	Periodic Identities
$f(x) = \tan x$	π	n/a	
$f(x) = \csc x$	2π	n/a	
$f(x) = \sec x$	2π	n/a	Periodic Identities $\csc(\theta + 2\pi n) = \csc \theta$
$f(x) = \cot x$	π	n/a	$\sec(\theta + 2\pi n) = \sec\theta$

