

Object	ive: Graph sine and cosine with period changes and phase shifts.	
	Concept	
	nsformations you have learned can be applied to the sine and unctions as well.	
A <u>horiz</u>	ontal translation is called a phase shift for a trigonometric	
function radians	n. When there is no horizontal translation, the phase shift is 0	
	ontal stretch/compression will change the period to ing other than 2π radians.	
	al stretch/compression will change the amplitude to ing other than 1.	
A vertic than y	al translation will change the midline to something other = 0.	
these d	/hile there can also be reflections across the x -axis and y -axis, o not change the values of the period or the amplitude or the n of the midline.	















