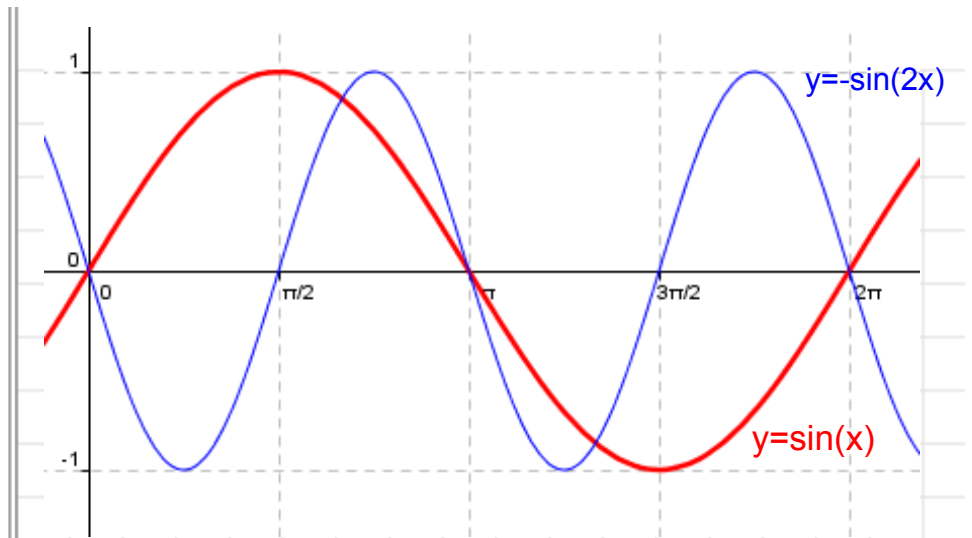


$y = \sin(x)$

$y = -\sin \frac{2x}{2}$   
 ↑ inverted    ↑ squashes  
 inverted squashes



$y = \cos(x)$

$y = 2\cos \frac{x}{2}$   
 ↑ higher    ↑ stretched  
 higher stretched

