

Caveat: Every answer could be written as the other function with a phase shift.
 Name: _____

Set your calculator to radian mode and change your window settings to: $x_{\min} = -2\pi$, $x_{\max} = 2\pi$, $y_{\min} = -3$,

$y_{\max} = 3$, $x_{\text{scl}} = \frac{\pi}{2}$, and $y_{\text{scl}} = 1$. Write an equation that would generate each of the graphs. Graph the equation in your calculator to check.

$y = -2\cos(2x)$

$y = .5\sin(2x)$

