

## Fourth Quiz for Math 30

1. Graph two full cycles of the following sinusoidal curve:

$$y = -2 \sin\left(2x - \frac{\pi}{4}\right)$$

You should mark the important points in the  $x$ -axis.

2. Find an equation of the form  $y = A \sin(Bx + C)$  and an equation of the form  $y = A \cos(Bx + C)$  for the following sinusoidal curve.

