

Name: _____

Show all work on the quiz in the space provided. Correct answers without work will not receive credit. There are to be no calculators used for this quiz.

(2 points) 1. Find the amplitude and the period of the sinusoidal curve $y = \pi \cos(3x)$.



(5 points) 2. Let θ be an angle in the second quadrant with $\sin \theta = \frac{4}{5}$. Find the exact values of the 6 trig functions for θ .

(2 points) 3. Give an equation of a sinusoidal curve with the following graph:

