

Math 002 Quiz 4

(A)

Name:.....Serial#:.....Sec #:.....

Q.1: Find the period, amplitude and sketch the graph of $y = -3 \sin(2x)$ over one period. $P = \pi$, $A = 3$

Q.2: Find Vertical Asymptotes, Zeros and Period of the function $y = -\tan\left(\frac{x}{2}\right)$. Also sketch its graph over one period.. VA: $x = (2n + 1)\pi$, Zeros: at $x = 2n\pi$, Period: $P = 2\pi$.

Q.3: Find the period, amplitude and sketch the graph of $y = 2 \sec(\pi x)$ over one period. $P = 2$