| | | Wed | Feb-3 | |
|--|----------------------|-----------------------|--------------------|-----------------|
| Math 112 – Section Quiz #4, version B Spring 2010 Sections 7.6-7.7 Label the axes with appropriate v | 20 | o INAIVIE. | Seat location: | left out all he |
| 1. For each of the following function and one period in the negative x divisions of period, etc.) Plot at abdases (1) | direction.) Find the | pertinent information | on (amplitude, per | riod, |
| a. $y = -\sin\left(\frac{1}{2}x\right)$ period: $\frac{2\pi}{2}$ | + * | 2 | | |
| amplitude: -4π $x \mid y$ $0 \mid 0$ $\pi \mid -1$ $2\pi \mid 0$ | -3T | -1 -1 -2 - | 21T 3TT | 471 571 |
| 37 1 47 0 72,35/2 -07 Hasymptotes | | 2 | | |
| Forest b. $y = -\csc\left(\frac{1}{2}x\right)$ 30 $\frac{x}{2\pi}$ $\frac{y}{4\pi}$ 0, 3π 17, 3π | -311 -11 | -1 | AT 3TT | 411 511 |
| 7 211 +1 2,372 -12 =-1.4 | \mathcal{J} | 2 | <u> </u> | |
| 2. Graph two periods of the following asymptotes $y = \cot x$ The asympt | wing function. Plot | at least 3 points in | each period and | label them. |
| + 34 -1 -1 -31 -1 | -N 374 - T | T4 T4 | 罗。34 | → |