

Name _____ Hour _____

Chapter 4 Graphing Test Review

In 1 - 8, graph each defined function over one-period interval. Label the critical values on the x & y-axis. Label all asymptotes with their equations.

1. $y = 4 \tan 2x$

2. $y = 4 - \frac{3}{4} \sin(3x - \pi)$

3. $y = 3 - 2 \cos x$

4. $y = 3 \cot(x + \pi)$

5. $y = -3 \tan\left(2x - \frac{\pi}{2}\right)$

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

7. $y = \frac{1}{4} \sec \frac{2}{3}(x - \pi)$

8. $y = \csc\left(x - \frac{\pi}{2}\right)$