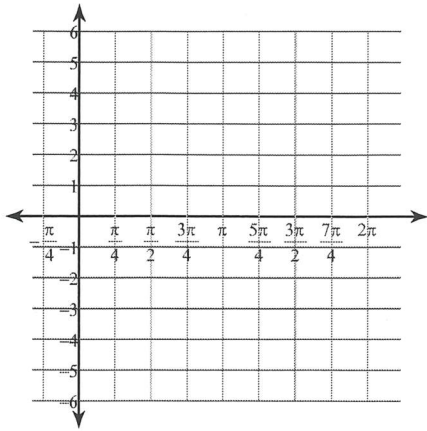


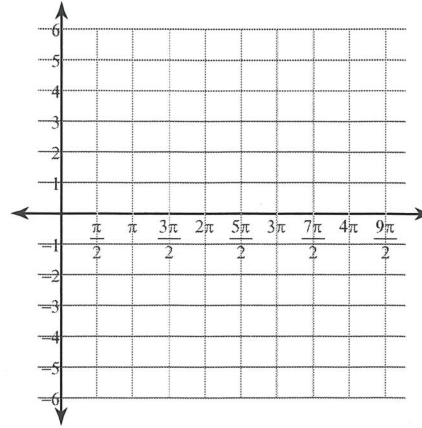
8.2

Find the period in radians, the phase shift in radians, the vertical shift, and two vertical asymptotes (if any). Then sketch the graph using radians.

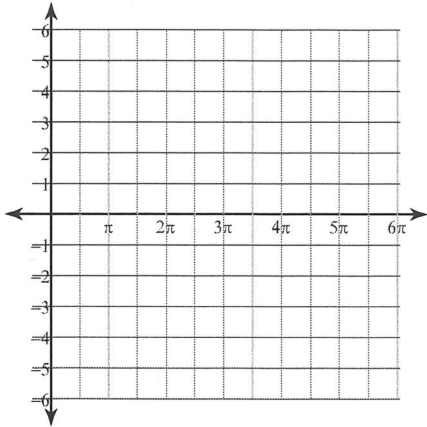
$$5) y = \tan\left(2\theta - \frac{11\pi}{6}\right) - 1$$



$$6) y = 2\cot\left(\frac{\theta}{3} + \frac{5\pi}{6}\right)$$



$$7) y = \frac{1}{2} \cdot \csc\left(\frac{\theta}{2} + \frac{3\pi}{4}\right)$$



$$8) y = 3\sec\left(\frac{\theta}{2} - \frac{3\pi}{4}\right)$$

