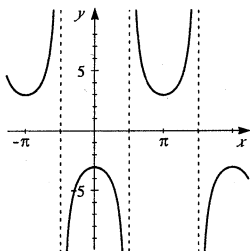
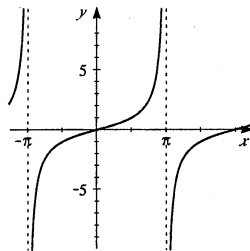


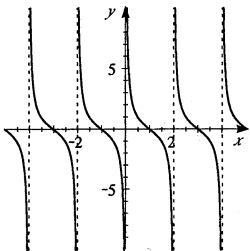
18.  $y = 3 \csc(x - \frac{\pi}{2})$ , period =  $2\pi$



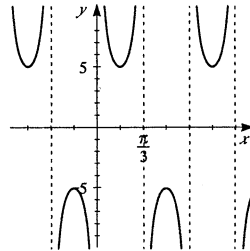
20.  $y = \tan(\frac{1}{2}x)$ , period =  $\frac{\pi}{(\frac{1}{2})} = 2\pi$



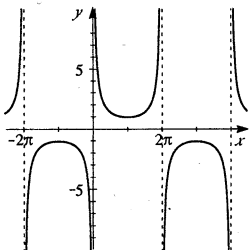
22.  $y = \cot(\frac{\pi}{2}x)$ , period =  $\frac{\pi}{(\frac{\pi}{2})} = 2$



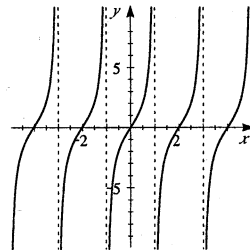
24.  $y = 5 \csc(3x)$ , period =  $\frac{2\pi}{3}$



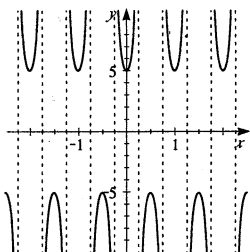
26.  $y = \csc(\frac{1}{2}x)$ , period =  $\frac{2\pi}{(\frac{1}{2})} = 4\pi$



28.  $y = 2 \tan(\frac{\pi}{2}x)$ , period =  $\frac{\pi}{(\frac{\pi}{2})} = 2$



30.  $y = 5 \sec(2\pi x)$ , period =  $\frac{2\pi}{2\pi} = 1$



32.  $y = \csc 2(x + \frac{\pi}{2})$ , period =  $\frac{2\pi}{2} = \pi$

