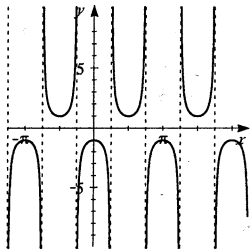
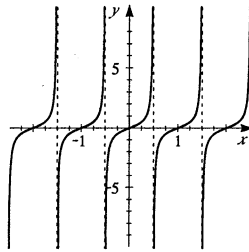


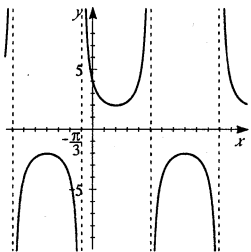
34. $y = \sec 2\left(x - \frac{\pi}{2}\right)$, period = $\frac{2\pi}{2} = \pi$



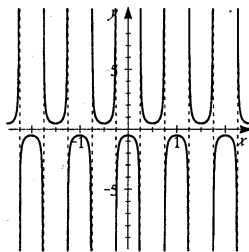
36. $y = \frac{1}{2} \tan(\pi x - \pi) = \frac{1}{2} \tan \pi(x - 1)$,
period = $\frac{\pi}{\pi} = 1$



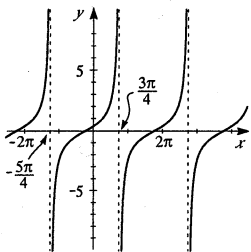
38. $y = 2 \sec\left(\frac{1}{2}x - \frac{\pi}{3}\right) = 2 \sec \frac{1}{2}\left(x - \frac{2\pi}{3}\right)$,
period = $\frac{2\pi}{(1/2)} = 4\pi$



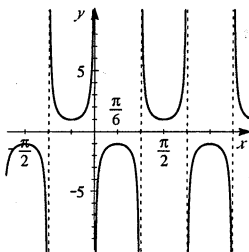
40. $y = \frac{1}{2} \sec(2\pi x - \pi) = \frac{1}{2} \sec 2\pi\left(x - \frac{1}{2}\right)$,
period = $\frac{2\pi}{2\pi} = 1$



42. $y = \tan \frac{1}{2}\left(x + \frac{\pi}{4}\right)$, period = $\frac{\pi}{(1/2)} = 2\pi$



44. $y = \sec\left(3x + \frac{\pi}{2}\right) = \sec 3\left(x + \frac{\pi}{6}\right)$,
period = $\frac{2\pi}{3}$



46. $y = 2 \csc(3x + 3) = 2 \csc 3(x + 1)$,
period = $\frac{2\pi}{3}$

