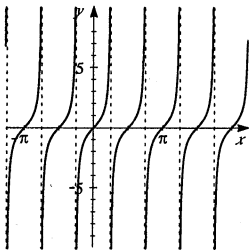
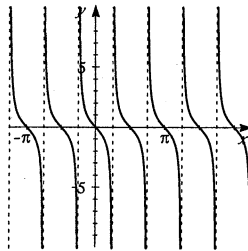


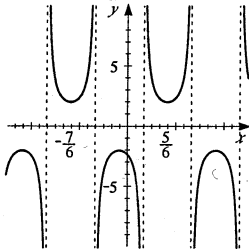
33. $y = \tan 2(x - \pi) = \tan 2x$, period = $\frac{\pi}{2}$



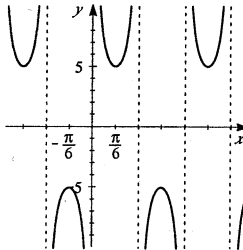
35. $y = \cot(2x - \frac{\pi}{2}) = \cot 2(x - \frac{\pi}{4})$, period = $\frac{\pi}{2}$



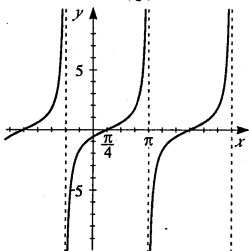
37. $y = 2 \csc(\pi x - \frac{\pi}{3}) = 2 \csc \pi(x - \frac{1}{3})$,
period = $\frac{2\pi}{\pi} = 2$



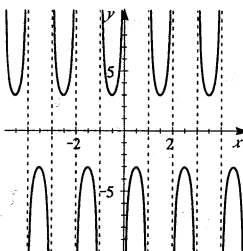
39. $y = 5 \sec(3x - \frac{\pi}{2}) = 5 \sec 3(x - \frac{\pi}{6})$,
period = $\frac{2\pi}{3}$



41. $y = \tan(\frac{2}{3}x - \frac{\pi}{6}) = \tan \frac{2}{3}(x - \frac{\pi}{4})$,
period = $\frac{\pi}{(\frac{2}{3})} = \frac{3\pi}{2}$



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



45. $y = -2 \tan(2x - \frac{\pi}{3}) = -2 \tan 2(x - \frac{\pi}{6})$,
period = $\frac{\pi}{2}$

