43 If $f(t) = \sec\left(\frac{1}{2}t\right)$, then $b = \frac{1}{2}$ and $c = 0$. Also, period $= \frac{2\pi}{\frac{1}{2}} = 4\pi$ and phase shift $= 0$.

Graph $Y_1 = 1/\cos(0.5X)$ in $[-2\pi,\ 2\pi,\ \pi/2]$ by $[-4,\ 4,\ 1]$ using dot mode. See *Figure 43.*

The vertical asymptotes occur at $x = \pm\pi$.

[–2π, 2π, π/2] by [– 4, 4, 1]

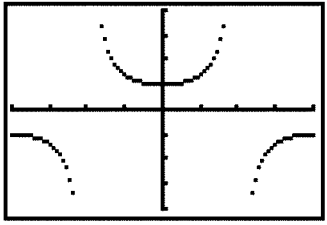

Figure 43