

First, this graph is symmetric and has the shape of a cosine function. Second, because $a = \frac{4}{3}$ in the equation, the amplitude is $\frac{4}{3}$. Finally, because $b = \frac{3}{2}$, the period of this function is $\frac{2\pi}{\frac{3}{2}} = \frac{2\pi}{1} \cdot \frac{2}{3} = \frac{4\pi}{3}$. This graph has one full cycle on the interval $\left[-\frac{2\pi}{3}, \frac{2\pi}{3}\right]$, so it has the correct period also.