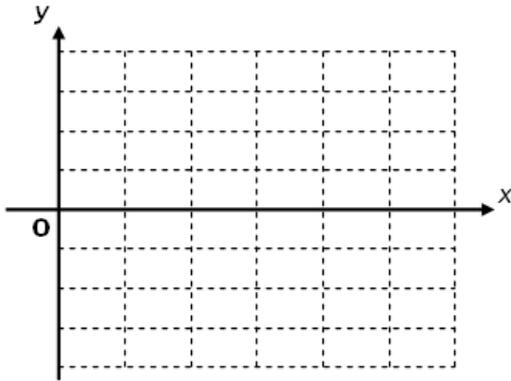
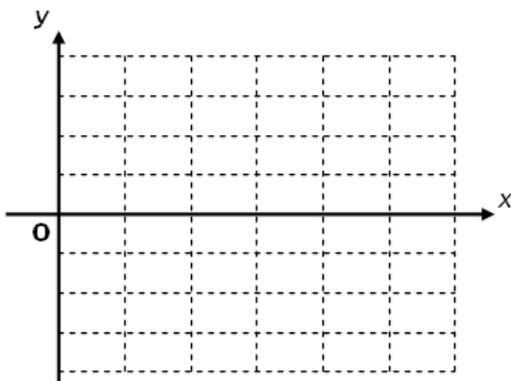


01. Faça um esboço do gráfico de cada uma das funções trigonométricas abaixo:

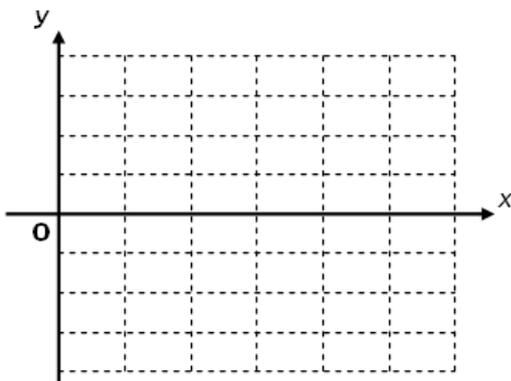
a)  $f(x) = 2 \operatorname{sen} x$



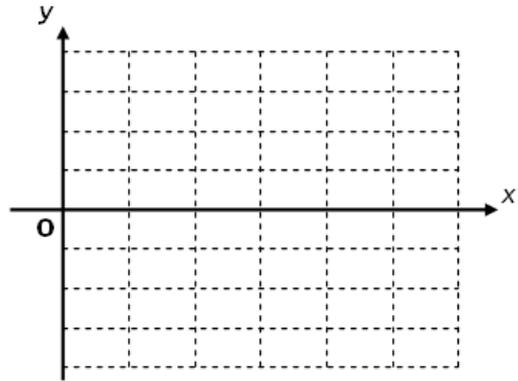
b)  $f(x) = \frac{1}{3} \cos x$



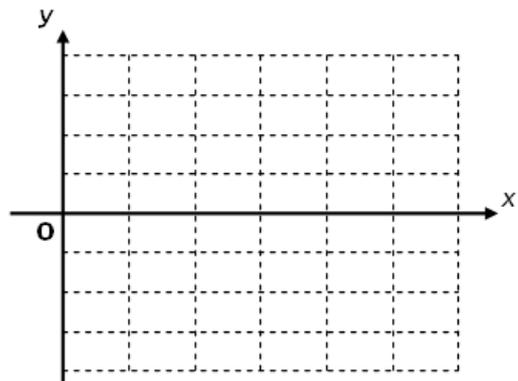
c)  $f(x) = \operatorname{sen} 4x$



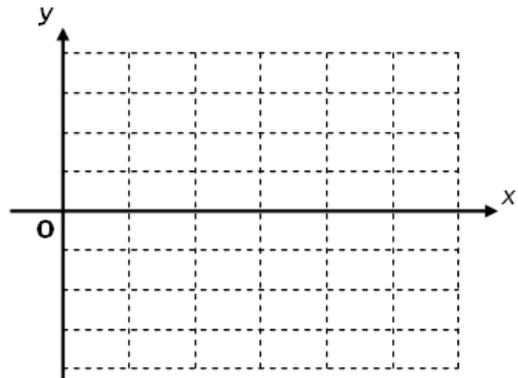
d)  $f(x) = \cos\left(\frac{2x}{3}\right)$



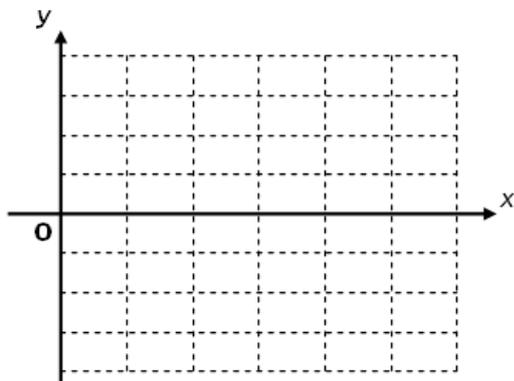
e)  $f(x) = 3 \operatorname{sen}\left(\frac{x}{2}\right)$



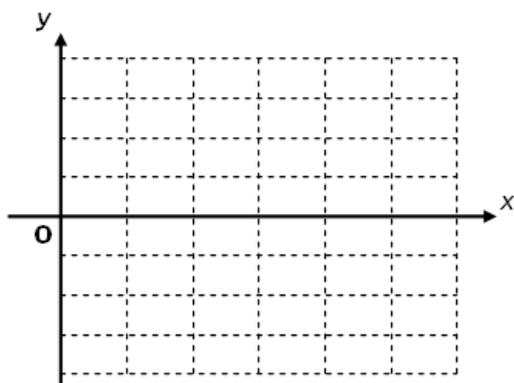
f)  $f(x) = \frac{1}{4} \cos(3x)$



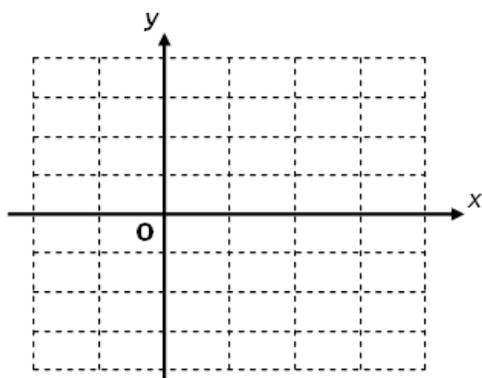
g)  $f(x) = 2 + \text{sen } x$



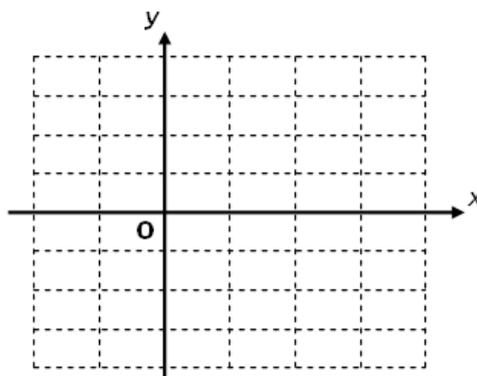
h)  $f(x) = -1 + 2 \cos\left(\frac{3x}{2}\right)$



i)  $f(x) = \text{sen}\left(x + \frac{\pi}{4}\right)$



j)  $f(x) = 2 \cos\left(2x + \frac{\pi}{2}\right)$



k) (Desafio!)  $f(x) = 1 + 3 \text{sen}\left(\frac{x}{2} + \frac{\pi}{3}\right)$

