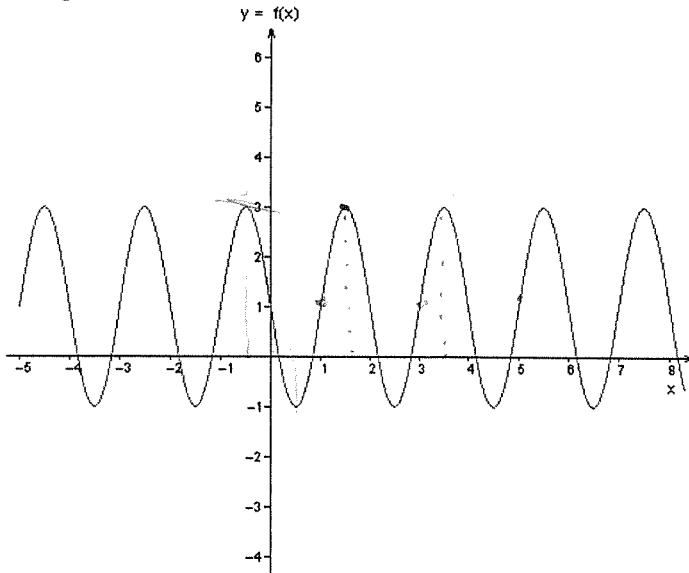


Corrige

Trouver la règle

1. Quelle est la fonction sinusoidale suivante :



$$p = 2 = \frac{2\pi}{\omega} = b = \pi$$

$$A = \frac{3+1}{2} = 2$$

$$K = \frac{3+(-1)}{2} = 1$$

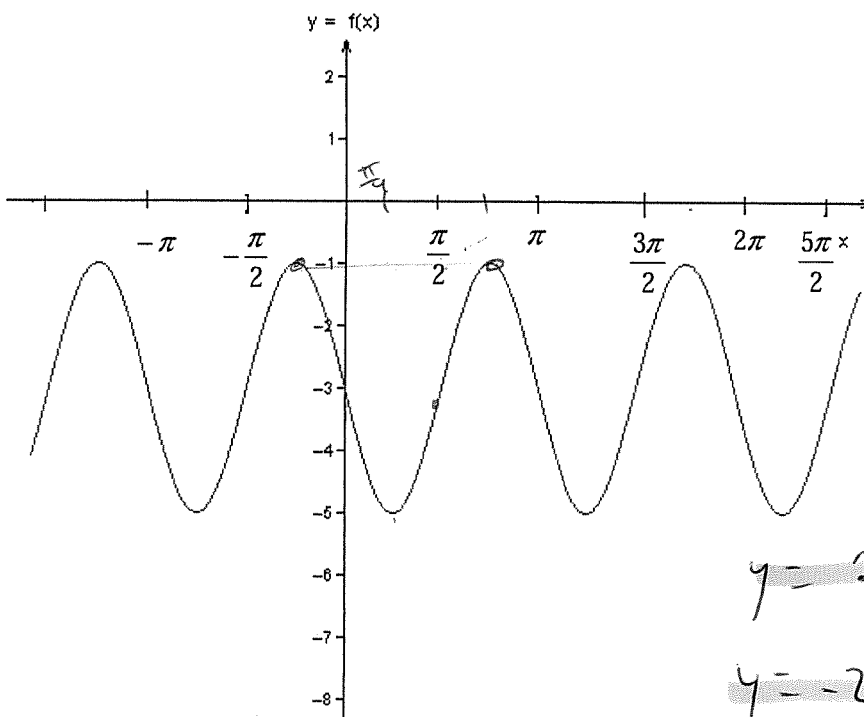
$$y = 2 \sin \pi(x-1) + 1$$

$$y = -2 \sin \pi(x-0) + 1$$

$$y = 2 \cos \pi(x+0,5) + 1$$

$$y = -2 \cos \pi(x-0,5) + 1$$

2. Quelle est la fonction sinusoidale suivante :



$$p = \frac{4\pi}{4} = \pi = \frac{2\pi}{\omega} = b = 2$$

$$A = \frac{-1+5}{2} = 2$$

$$K = \frac{-1+5}{2} = -3$$

-1-a

$$y = 2 \cos 2(x + \pi/4) - 3$$

$$y = -2 \cos 2(x + \pi/4) - 3$$

$$y = 2 \sin 2(x - \pi/2) - 3$$

$$y = -2 \sin 2(x - 0) - 3$$