1.

Can You Solve This?
Viral "IQ" Test

$1 + 4 = 5$

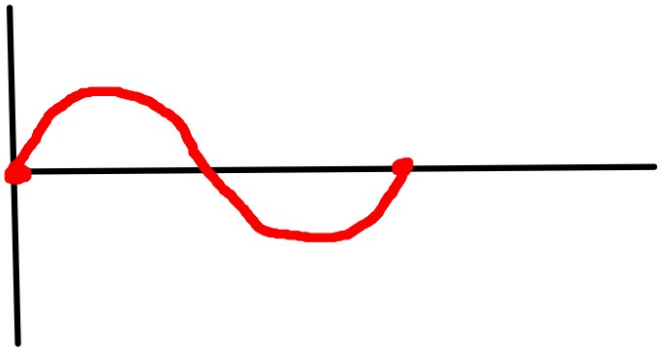
$2 + 5 = 12$

$3 + 6 = 21$

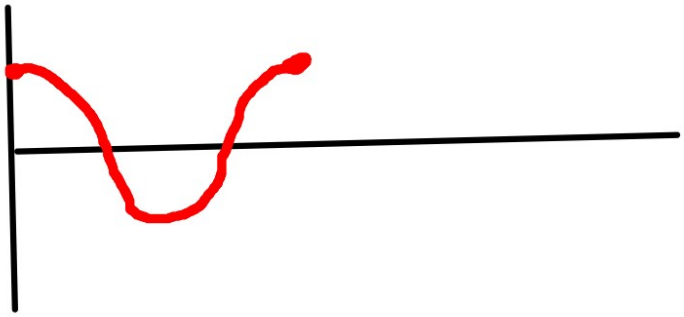
$8 + 11 = ?$ 96

2. What is your favorite game you've ever played? Can be a video game a board game or just any kind of game at all? (Type your answer in the chat)

$y = \sin x$



$y = \cos x$



$A = 2$

max = 3

min = -1

midline $y = 1$

right $\frac{\pi}{6}$

$b = 1$

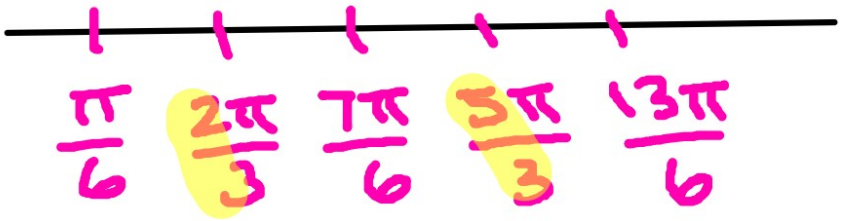
period $= \frac{2\pi}{b} = 2\pi$

$\frac{2\pi}{4} = \frac{\pi}{2} \overset{\times 3}{=} \frac{3\pi}{6}$ (×3)

$\frac{\pi}{6} + \frac{3\pi}{6} = \frac{4\pi}{6} = \frac{2}{3}$

$\frac{\pi}{6} + \frac{3\pi}{6} + \frac{3\pi}{6} = \frac{7\pi}{6}$

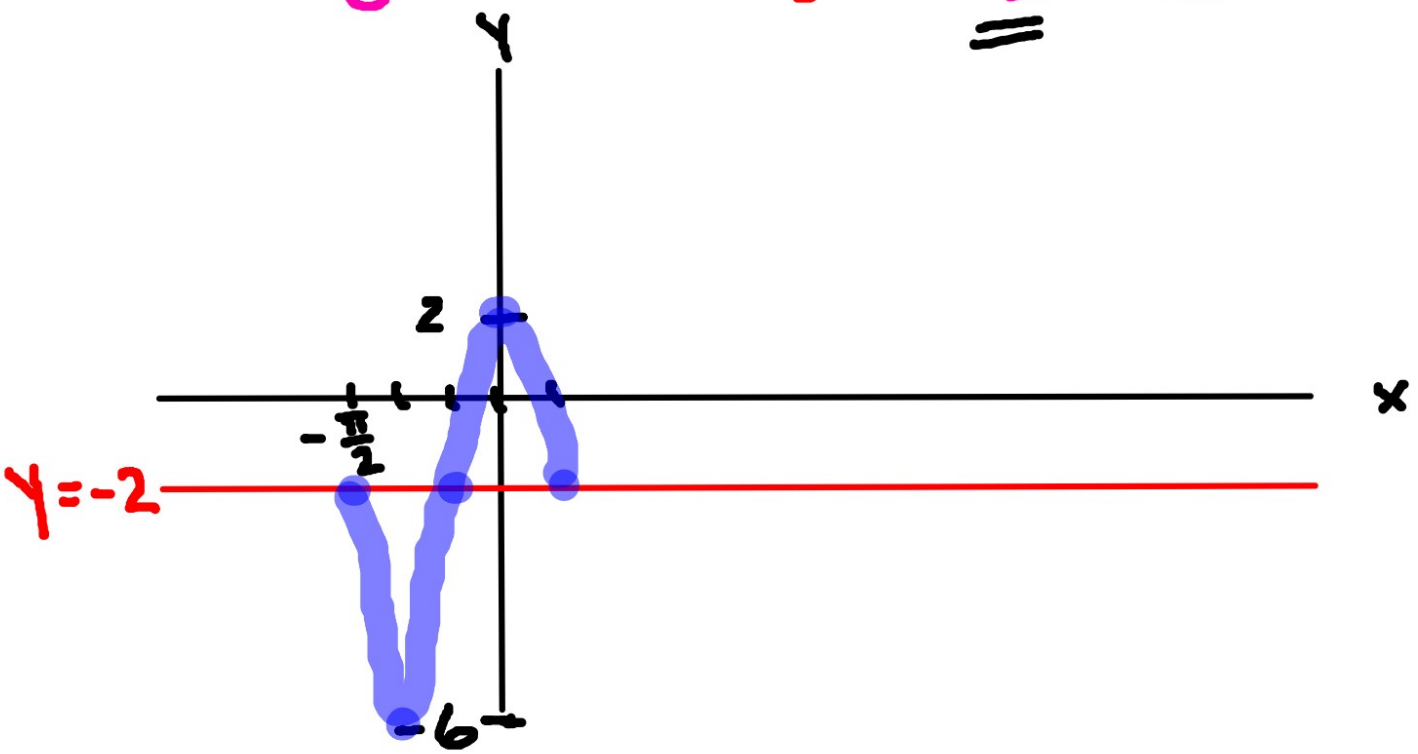
$\frac{7\pi}{6} + \frac{3\pi}{6}$ 5



$\frac{\pi}{6}$ $\frac{2\pi}{3}$ $\frac{7\pi}{6}$ $\frac{5\pi}{3}$ $\frac{13\pi}{6}$

$\frac{10\pi}{6} + \frac{3\pi}{6}$

$$y = -4\sin\left(3x + \frac{\pi}{2}\right) - 2$$



$$-\frac{3\pi}{\cancel{6}} + \frac{\pi}{6} = \frac{-2\pi}{6} = \boxed{\frac{-\pi}{3}}$$

$$-\frac{2\pi}{\cancel{6}3} + \frac{\pi}{6} = \boxed{\frac{-\pi}{6}}$$

$$-\frac{\pi}{6} + \frac{\pi}{6} = \boxed{0}$$

$$0 + \frac{\pi}{6} = \boxed{\frac{\pi}{6}}$$