

Incorrect. Find the slope using the given points: $\frac{-10 - (-4)}{-6 - 12} = \frac{-6}{-18} = \frac{1}{3}$

Substitute the slope (m) into $y = mx + b$. Substitute either point for x and y in the equation and solve for b . This is the y -intercept. The correct answer is -8 .