Correct. Find the slope using the given points: $\frac{-1-2}{-12-(-6)} = \frac{-3}{-6} = \frac{1}{2}$

Substitute the slope (*m*) into $y = mx + b$: $y = \frac{1}{2}x + b$

Substitute either point for *x* and *y*: $2 = \frac{1}{2}(-6) + b$

Solve for *b*: $2 = -3 + b$, so $5 = b$