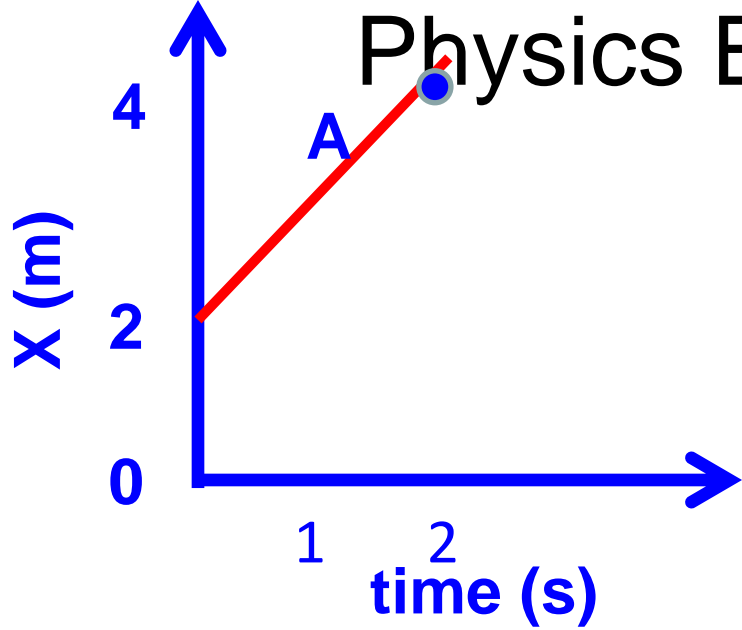


Physics Bell Work, Thursday, Feb 16



1. What is the slope of A? **1 m/s**
2. Write an equation to find the x position
 $x = (1 \text{ m/s}) \cdot t + 2\text{m}$
3. What quantity is 1 m/s?

$$\text{average velocity, } \bar{v} = \frac{\Delta x\text{-position}}{\Delta \text{time}}$$

4. What is the importance of $b = 2\text{m}$
It is the starting position or initial position, called x_0 OR x_i

5. Write a general equation to find the x position using only symbols.

$$x = v \cdot t + x_0$$

$x = x\text{-position}$, $v = \text{velocity}$, $t = \text{time}$, x_0 initial position

6. What is another way to find x- position?

$$\Delta x = x_f - x_i$$