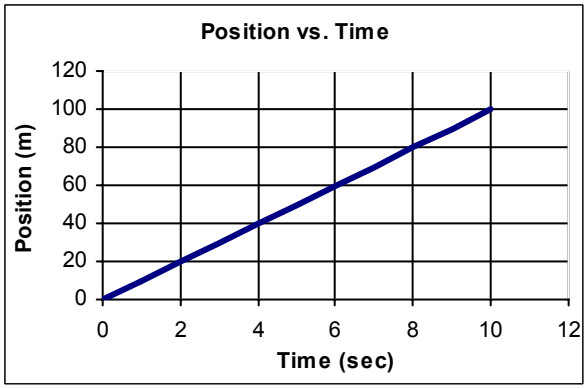
PreAP: due Fri., Aug 26 (Assigned: Wed., Aug 24)
Reg: due Mon, Aug 29 (Assigned: Thurs., Aug 25)

Graphing

1. Circle all units for speed: km $\frac{\text{meters}}{\text{sec}}$ meters $\frac{\text{cm}}{\text{sec}}$ sec $\frac{\text{miles}}{\text{hour}}$ $\frac{\text{km}}{\text{min}}$ $\frac{\text{meter}}{\text{sec}^2}$



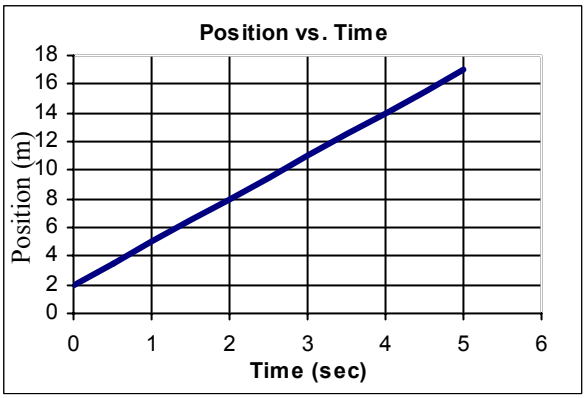
2. Where was the object at 4 seconds? _____

3. Find the slope of the graph (must show work)

4. What is the y-intercept of this graph?

5. What does the slope of this graph mean?

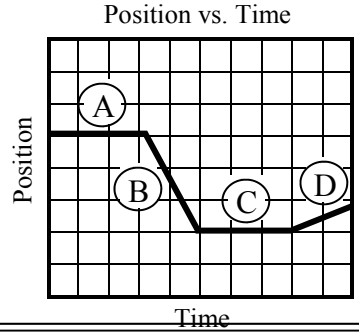
6. Give the equation for this graph in y-intercept form:



7. When will this object reach 32 meters. (Must show all work.)

8. If an object is going 22 m/s to the right and 24 seconds later it is going 6 m/s to the left, find its acceleration.

9. An object going 10 m/s experiences an acceleration of –4 m/s^2 for 5 seconds. Find its final velocity.



Which graph segments fit the following:

10. At rest:
11. Fast speed:
12. Slow speed:
13. Going backwards:
14. Going forward:

15. Convert 12 miles per minute to cm per second.