

1. Be very familiar with these concepts:

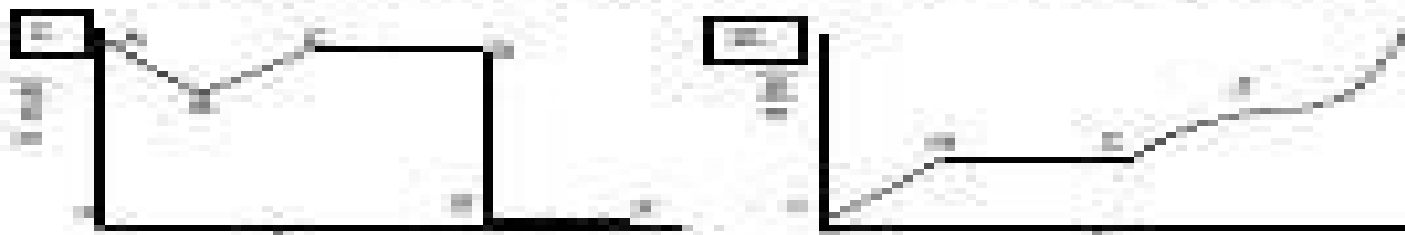
displacement	speed	relative velocity
distance	velocity	vectorial addition
speed, acceleration	acceleration	to $v_1, v_2, v_3, \dots$

2. Short answer on P10 in this Sheet

- A car approaches a stationary observer. Does the change (speed, velocity) that the change (speed, velocity)?
- The rate of change of velocity? _____
- Acceleration that is positive, represented by the letter _____ is called _____ instead of the P.M.A.
- It is a slight misconception velocity is only defined a _____
- vector? Is it a vector? Why? What is acceleration, the velocity does not change.
- Does velocity of a ball decrease, accelerate, or both?
 - Increasing "v" and decreasing "a"
 - Increasing "v" and increasing "a"
 - Decreasing "v" and decreasing "a"
 - Decreasing "v" and increasing "a"

3. Use these graphs to answer the following:

Fig. 1: Graph A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z



Explain the type of motion shown in the first graph, then explain the motion of graph B, which best represents the motion shown in the motion of graph A.

- A: _____
- B: _____
- C: _____
- D: _____
- E: _____
- F: _____
- G: _____
- H: _____
- I: _____
- J: _____
- K: _____
- L: _____
- M: _____
- N: _____
- O: _____
- P: _____
- Q: _____
- R: _____
- S: _____
- T: _____

Is the acceleration of graph B the same as the acceleration of the car in the first graph? _____
 Which values of the graphs above is important? _____ Explain.

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JS Bruner



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