

## Day 30 Physics 1

1. A -- The speed is zero. Over time the position doesn't change. It's not moving.

B – Looks like it's gone about 6 meters in 10 seconds.  $.6 \text{ m/s}$

C – Looks like it's gone about 1 meter in 10 seconds.  $.1 \text{ m/s}$

## Change in Velocity

2. AB  $+10 \text{ m/s}$  CD  $- 10 \text{ m/s}$

## Average Acceleration

3. rank is given

A is 0.

B is 0 to 5 meters in 10 seconds  $.5 \text{ m/s}^2$

C is 7 meters to 2 in 10 seconds  $-.5 \text{ m/s}^2$

4. A shows constant velocity. The others show variable.

5. 0, +, -

6. same as 5

7. Done in 3