# Questions of the Day CVP – Constant Velocity Particle

### Question of the Day

- Where will you be the evening of Tuesday, March 10, 2020?
- Answer: Physics Fair

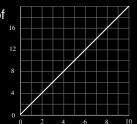
### 2

### Question of the Day

- \_\_\_\_\_ is a measure of an object's location at a particular moment in time relative to a reference point.
- Answer: Position

# Question of the Day

- What is the slope of the line?
- Answer: 2

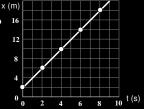


### 4

## Question of the Day

- What is the specific x (m) equation for the line?
- Answer:

 $x = (2 \text{ m/s}) \cdot t + 2 \text{ m}$ 



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## Question of the Day

- The slope on a position-vs.-time (x-vs.-t) graph represents \_\_\_\_\_, which is an object's \_\_\_\_\_ and \_\_\_\_\_.
- Answer: velocity, speed, direction.

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# Question of the Day Which object is going faster? What do the objects have in common? What is different about their motion? What happens at t = 4 s? Answer: A is going faster, both A & B have constant velocities, they are going in opposite directions, they start at different positions, they are at the same position at the same time at t = 4 s.

