

Monday Reading Assessment: Unit 0, and vectors

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1 Chapter 1 - Introduction: The Nature of Science and Physics

1. In your own words, what is a physics theory, and what determines the validity of a theory?
2. Which of the following is a measure of *speed*?
 - A: meters per second²
 - B: kilometers
 - C: kilometers per hour
 - D: kg per meter³
3. In your own words, what is the relationship between the accuracy and uncertainty of a measurement?

2 Chapter 2 - Kinematics

1. Which of the following is should be considered a vector quantity (i.e. having a magnitude and direction)?
- A: wind speed
 - B: air temperature
 - C: the mass of an object
 - D: the brightness of a light source