



Notion of Motion Student Notes



- I. Distance and Displacement
 - a. Distance
 - i. Entire _____ an object travels
 - ii. Example of distance
 - 1. _____ a trail in the mountains
 - b. Displacement
 - i. _____
 - ii. Usually shorter than distance
- II. Speed
 - a. Describes how _____ or _____ you are moving
 - b. Equation: _____
- III. Types of Speed
 - a. _____ Speed
 - i. Never changes at any time
 - b. _____ Speed
 - i. Total distance traveled divided by total time
 - c. _____ Speed
 - i. Speed at any moment
- IV. Velocity
 - a. Equation: _____
 - b. Includes _____
- V. Acceleration
 - a. Change in _____ divided by amount of time required for change
 - b. _____ up and down is acceleration
- VI. Calculate Acceleration
 - a. Equation: _____