**Chapter 1 Quiz Study Guide**

* Know the definitions of the following vocabulary terms:
  + Motion
  + Displacement
  + Distance
  + Constant Speed
  + Instantaneous Speed
  + Reference Point
  + Average Speed
  + Velocity
* Know that if two objects traveling are traveling at the same velocity BUT in different DIRECTIONS, they have a different velocity.
* Know how to read distance-time graphs and what horizontal lines, as well as straight lines on a distance-time graph represent/mean.
* Know that if motion is in one direction, then distance and displacement are equal.
* Know the three ways an object velocity changes.
* Know the three things you need to include when describing your position.
* Know how to calculate speed and velocity. (Equations will be given to you on the quiz)

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