Ch 2 Motion in One Dimension

1. Displacement & Velocity
   1. One Dimension
      1. Simple
   2. Frame of Reference
   3. Displacement
      1. equation
      2. position
      3. distance
      4. units
      5. sign
   4. Average Velocity
      1. equation
      2. time interval
      3. units
      4. Direction
         1. vector
      5. Speed
         1. equation
   5. Position vs. Time Graph
      1. Two points
      2. Slope
      3. Instantaneous Velocity
2. Acceleration
   1. Equation
   2. Changes in speed, direction, or both
   3. Vector
   4. Velocity vs. Time Graph
   5. Signs
   6. Calculations with constant acceleration
      1. Derive equations
      2. Problem-solving strategies
3. Free Fall
   1. Definition
   2. g
   3. Parts of free-fall