SPEED notes

- How do we know that an object has moved?
  Hypothesis: _____
- An object is moving if its _____ changes.
  - Ex. A horse galloping changes position as it runs.
- An object changes position if its _____changes.
- The background is called a _____ _____.
- Some objects move _____ than others.
- Speed describes how _____ an object moves.
- The speed of an object can be compared to the speed of another object.
  Ex. a flying eagle moves faster than a crawling turtle.
- Speed measurements involve distance (_____) and time.
- To find speed, you must measure two quantities: _____ traveled by an object and the _____ it takes to travel that distance.
- Formula for finding speed:

- The SI unit for speed is meters per second (_____).
- Speed is sometimes expressed in other units: km/h or mi/hr
- When an object covers equal distances in equal amounts of time, it is moving at a _____ speed.
  Ex. A car can have a constant speed of 96 m/s.
- Most objects ____ _____ move with a constant speed.
- Suppose a wheel chair racer finishes a 132 m race in 18 s. What is the racer's average speed?