**Speed**



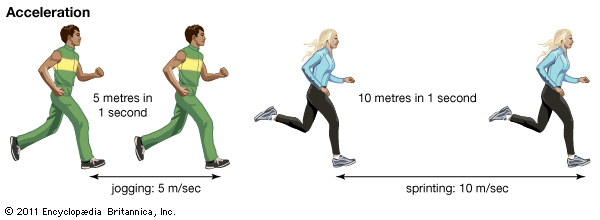
A measure of how fast something moves; rate of motion.

**Velocity**



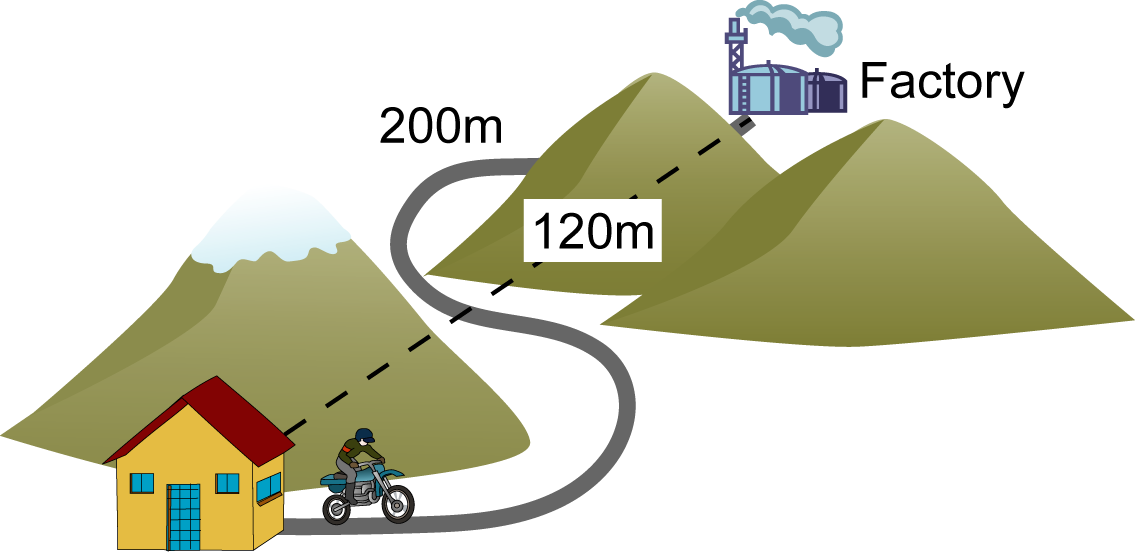
The speed of an object in a particular direction.

**Acceleration**



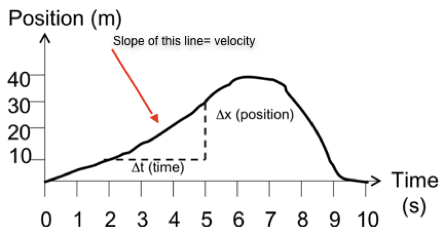
The rate at which velocity changes over time; an object accelerates if its speed, direction, or both change.

**Displacement**



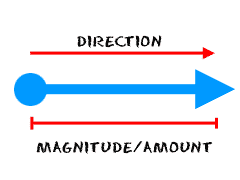
The change in position of an object.

**Position**



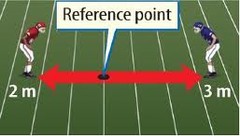
The location of an object.

**Vector**



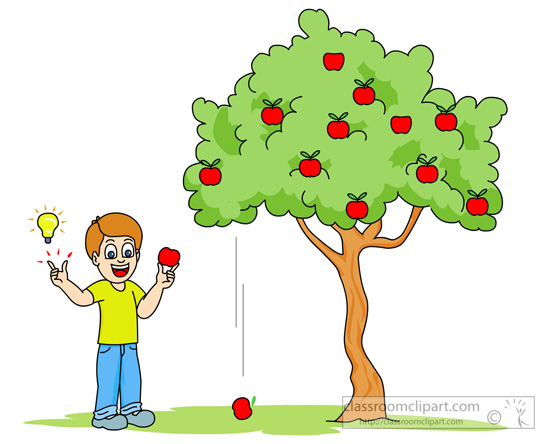
A quantity that has both size and direction.

**Reference point**



A location to which another location is compared.

**Gravity**



A force of attraction between objects that is due to their masses.

**Instantaneous Speed**



The rate of motion at a particular instant in time.