

Position: location of an object
written "x"

Velocity: speed and direction, rate of
change of position

$$v = \frac{x}{t}$$

Acceleration: rate of change of
velocity

$$a = \frac{\Delta v}{t}$$

Force: a push or a pull

Average Time:

$$t_{avg} = \frac{t_1 + t_2 + t_3}{3}$$

Average Velocity:

$$v_{avg} = \frac{x}{t_{avg}}$$

position (20, 40...)

Final Velocity:

$$v_f = 2v_{avg}$$

Acceleration:

$$a = \frac{v_f}{t_{avg}}$$