

$$\Delta x = \bar{v}t$$

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

$$\sin(\theta) = \frac{\text{opp}}{\text{hyp}}$$

$$\Delta x = \frac{1}{2}at^2 + v_0t$$

$$\bar{v} = \frac{v + v_0}{2}$$

$$\cos(\theta) = \frac{\text{adj}}{\text{hyp}}$$

$$v = at + v_0$$

$$v^2 - v_0^2 = 2a\Delta x$$

$$\tan(\theta) = \frac{\text{opp}}{\text{adj}}$$

$$g = 10 \frac{\text{m}}{\text{s}^2}$$