

$$x_f = x_i + v_i t + \frac{1}{2}at^2$$

$$v_f = v_i + at$$

$$v_f^2 = v_i^2 + 2ad$$

$$F = ma$$

$$F = \mu N$$

$$\bar{w}_{\parallel} = \bar{w} \sin \theta$$

$$\bar{w}_{\perp} = \bar{w} \cos \theta$$

1st

2nd

3rd

