rough

(a) (b) (c)

(a)
$$x = -\mu g \longrightarrow x(t) = -\mu g t^2 + Bt + C$$

$$\bigcirc \qquad \stackrel{\circ}{\stackrel{\circ}{\times}} = - \stackrel{\downarrow}{\stackrel{\downarrow}{\times}} \times$$

$$L_{3} = -\omega^{2} \times -\omega^{2} \times \omega = \sqrt{\frac{1}{m}} = \sqrt{\frac{1}{2}} = 2^{rad}$$

$$\chi(0) = 10^{m/3} = \omega B \cdot cos \cdot 0$$

$$B = \frac{10}{\omega}$$

$$x(t) = \frac{10}{2} \cdot \sin 2t$$

Quiz -01

-what are important concepts?

- what should we cover in quiz?

1) Free Body Diagram

Kinetic Diagram

(1) = (2) = = mā

x chair rolling off cliff

roadrunner + falls