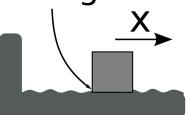
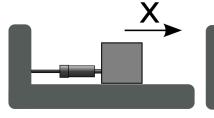
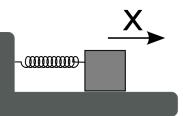
## rough







(a)

(b)

(C)

$$\hat{a}$$
  $\hat{x} = -\mu g$ 

$$\begin{pmatrix}
\hat{b} & \times & = -\frac{b}{m} \times \\
\hat{b} & \times & = -\frac{b}{m} \times \\
\end{pmatrix}$$

$$\frac{1}{\omega} = \frac{1}{\sqrt{\frac{1}{2}}} = \frac{1}{\sqrt{\frac{1}{2}}} = \frac{1}{2} = \frac{1}{2}$$

$$\frac{1}{-\frac{k}{m}} \times = \frac{1}{2} eom$$

$$x(t) = A\cos \omega t + B\sin \omega t$$

$$\chi(0) = 0 = A \cdot 1 + B \cdot 0 => A = 0$$

$$\frac{\left(\frac{\partial}{\partial t}\left(\frac{\sin \omega t}{\sin \omega t}\right) - 5\sin 2t\right)}{\left(x(t) - \frac{10}{\omega} \cdot \sin \omega t\right)} = 5\sin 2t$$

thrust wind drag gravity Fibrust Fwind A for wind

Quiz\_01

- what was important?

- how do you demonstrate that?