



$$M = F \cdot d$$

$$F = m \cdot g$$

$$d = L \cdot \cos \theta$$

$$g = 9.81 \text{ m/s}^2$$

$$W = 1 \text{ kg}$$

$$K = [5, 10, 20] \text{ kg}$$

$$L = 1 \text{ m}$$

$$M_1 = F_{n1} \cdot \frac{1}{2} d$$

$$M_2 = F_{n2} \cdot d$$

$$F_{n1} = W \cdot g$$

$$F_{n2} = K \cdot g$$

$$d = L \cdot \cos q_1$$

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