

$$-\frac{mgL}{2}\sin\theta = \frac{mL^2}{3}d_{RB} + \frac{ma_{NL}}{2}\cos\theta$$

$$A_{N}-m_{J} = \frac{md_{RE}L}{2}\sin\theta$$

$$0 = m\left(a_{N} + \frac{d_{NB}L}{2}\cos\theta\right)$$

$$-\frac{d_{NE}L}{2}\cos\theta$$

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$$-\frac{d_$$

$$\frac{d^{2}}{dx} = \frac{3q(2 L - L)}{2(L^{2} - 3 L L + 3 L^{2})}$$

$$\frac{d^{2}}{dx} = 0$$

$$y = \frac{f(x)}{g(x)}, \frac{d^{2}}{dx}$$

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$$\frac{d^{2}}{dx} = \frac{f'(x)}{g(x)} + f'(x)f'(x)$$

$$\frac{d^{2}}{dx} = \frac{f'(x)}{g(x)} - \frac{g'(x)}{g(x)}f'(x)$$

$$\frac{d^{2}}{dx} = \frac{g(x)f'(x) - g'(x)f'(x)}{g(x)^{2}}$$

$$\frac{d^{2}}{dx} = \frac{3(2 L - L)}{2(L^{2} - 3 L L + 3 L^{2})}$$

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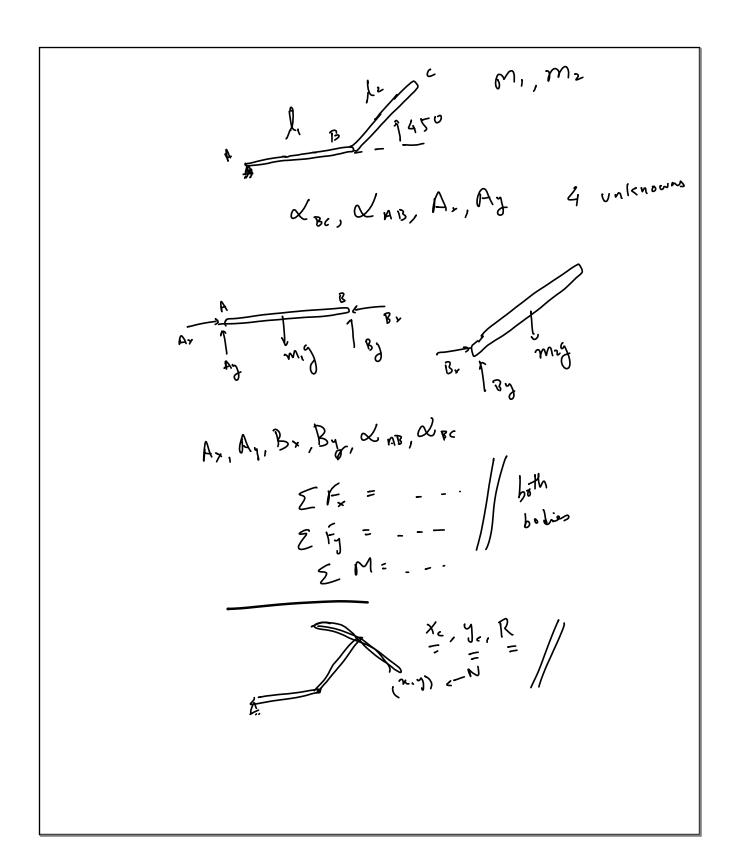
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$$\frac{d^{2}}{dx} = \frac{3(2 L$$



$$R_{1} = \frac{1}{2\sqrt{2}} \hat{x} + \frac{1$$

A) 
$$\frac{197}{A_3}$$
  $\frac{197}{A_4}$   $\frac{197}{A_5}$   $\frac{197}{A_6}$   $\frac{197}{A_6}$ 

