

$$v = \sqrt{\frac{\tau}{\rho}}$$

$$v = \sqrt{\frac{200}{2.5 \times 10^3}}$$

$$a=0 \Rightarrow F=0$$

$$\sum \tau = 200 \text{ N}$$

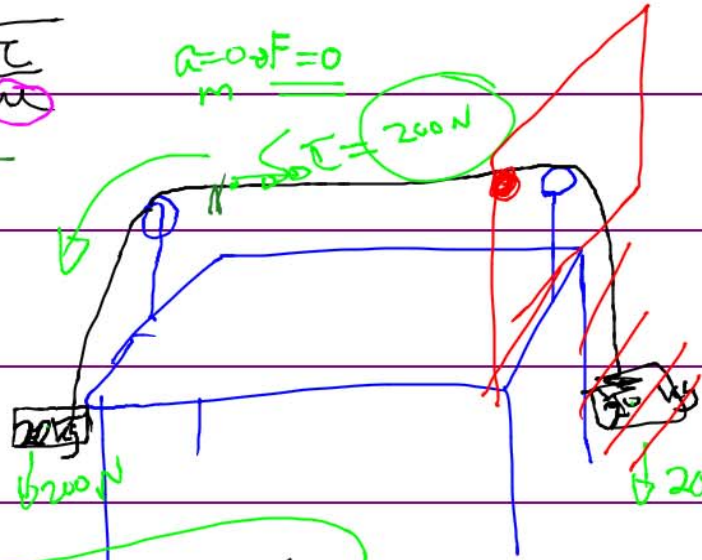
$$\frac{M}{L} = \mu$$

$$L = 4 \text{ m}$$

$$M = 10 \text{ gram}$$

$$g = 10 \text{ m/s}^2$$

~ 9.8



$\tau = 200$	5	✓
$\tau = 0$	1	X
$\tau = 400 \text{ N}$	2	✗

$$\frac{10 \text{ gram}}{4 \text{ m}}$$

$$\frac{10 \text{ g} \times 10^{-3} \text{ kg}}{4 \text{ m}}$$

$$2.5 \times 10^{-3} \frac{\text{kg}}{\text{m}}$$

