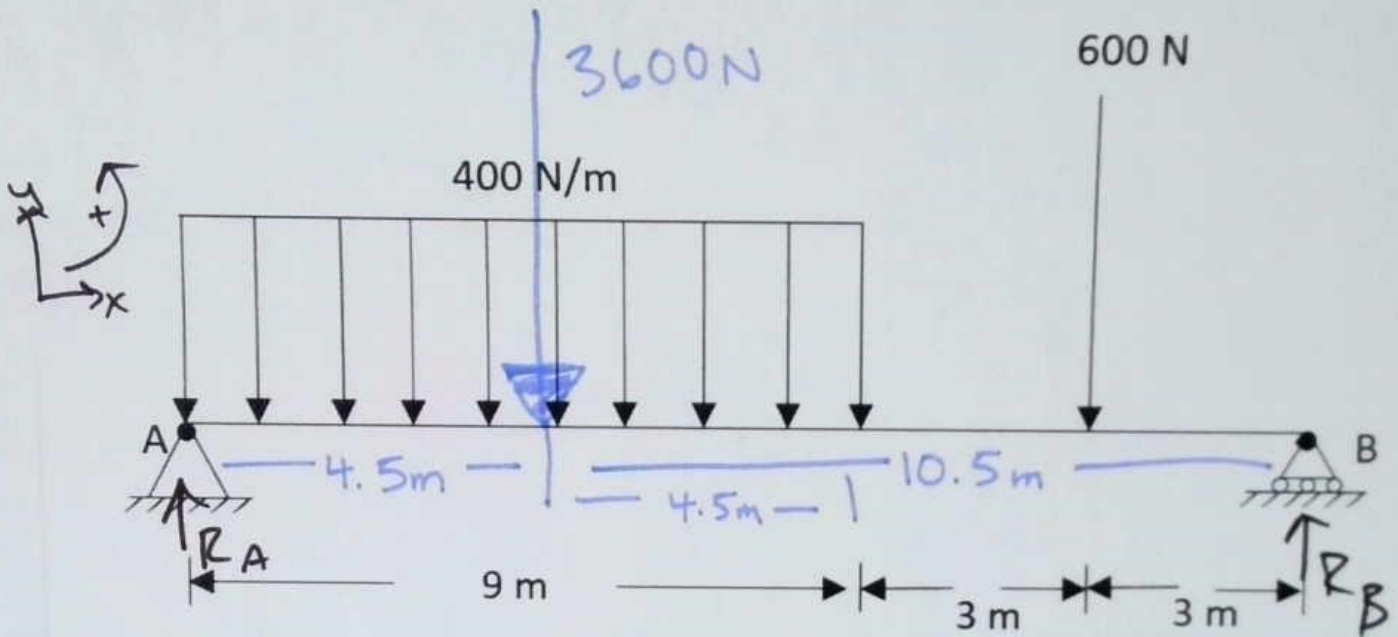


Calculate the reaction force at point A.



$$M = F * d$$

$$\sum m_B = (600 \text{ N})(3 \text{ m}) + (3600 \text{ N})(10.5 \text{ m}) - (R_A)(15 \text{ m})$$

$$(15 \text{ m})(R_A) = 39,600 \text{ N}\cdot\text{m}$$

$$\boxed{R_A = 2,640 \text{ N}}$$