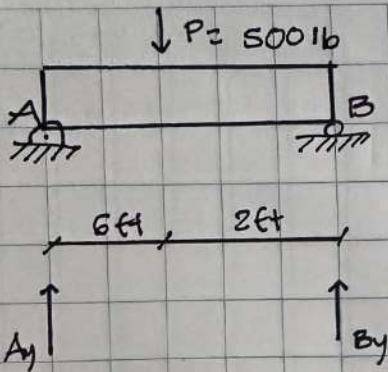


ACTIVIDAD 2:



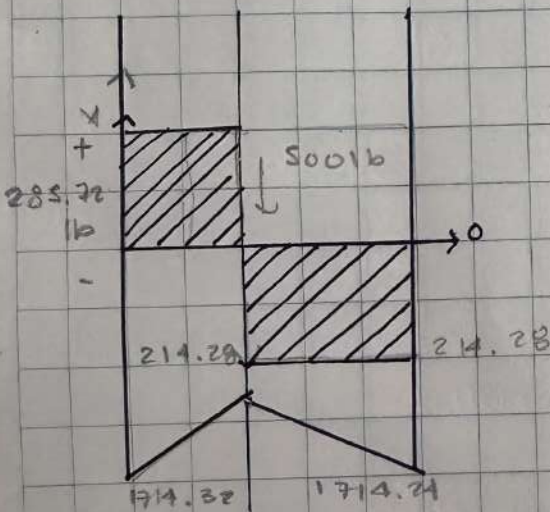
$$\sum MA = 0$$

$$1 - 500 \text{ lb} (6 \text{ ft}) + 1A = 0$$

$$3000 + 1A = 0$$

$$By = \frac{3000}{4} = 214.2816$$

$$= 214.285743$$



$$2 - 500 \text{ lb} + 214.285743$$

$$Ay = 285.7142857 = 0$$

$$Ay = 285.7142857$$

$$-500 + 205.7142857 = -214.285743$$

$$3 - 285.7142857 \times 6 \text{ ft}$$

$$= 1714.285714 \text{ ft}$$

$$214.2857143 \times 8 \text{ ft}$$

$$= 1714.285714 \text{ ft}$$