Problem 1

What is the moment that the couple below exerts about point A?

60 lbs

A

3 ft | 3 ft
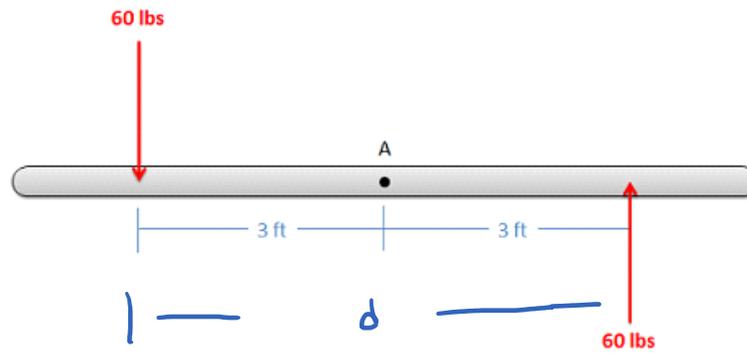
60 lbs

$$M = (F)(d) = (60\ lbs)(6\ ft) \quad \text{↑ counter clockwise is positive}$$

$$\boxed{M = 360\ ft\ lbs}$$