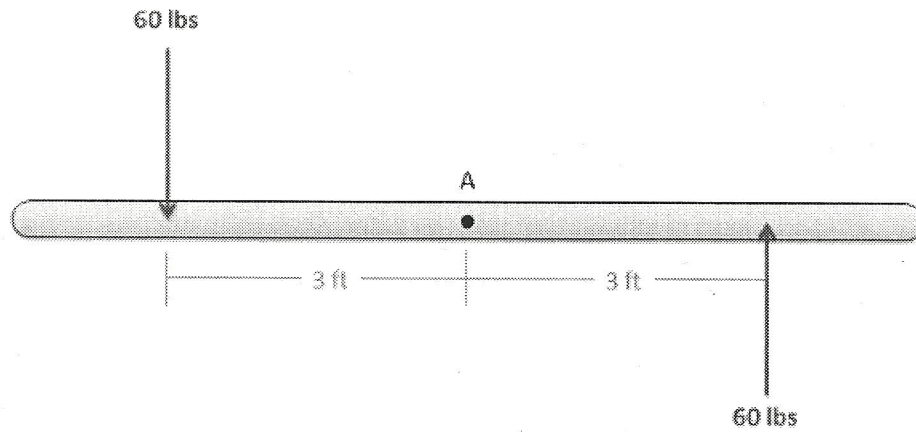


Question 1:

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



Calculations:

$$M = F \times d$$
$$M = (60 \text{ lbs}) (6 \text{ ft}) \uparrow$$

Solution:

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