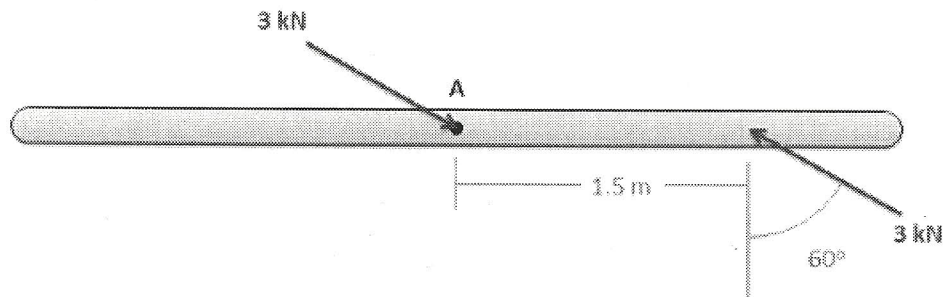
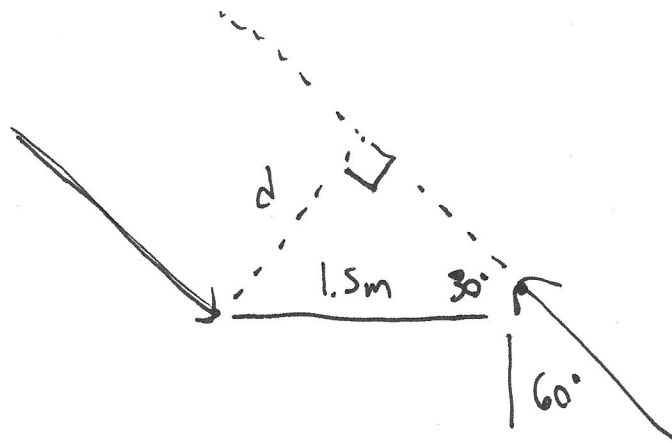


Question 2:

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



Calculations:



$$d = 1.5 \sin(30)$$

$$d = .75 \text{ m}$$

$$M = F \times d$$
$$M = (3 \text{ kN})(.75 \text{ m})$$

Solution:

$$M = 2.25 \text{ kNm}$$