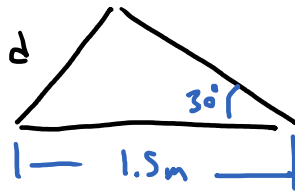
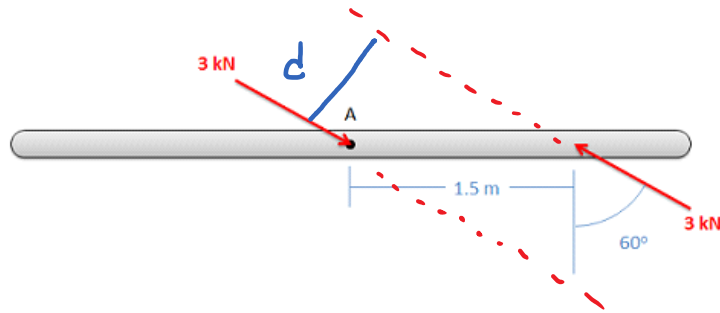


## Problem 2

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



$$d = 1.5 \sin(30) = .75 \text{ m}$$

$$M = (F)(d) = (3 \text{ kN})(.75 \text{ m}) \quad \uparrow \text{ counter clockwise is positive}$$

$$\boxed{M = 2.25 \text{ kN m}}$$