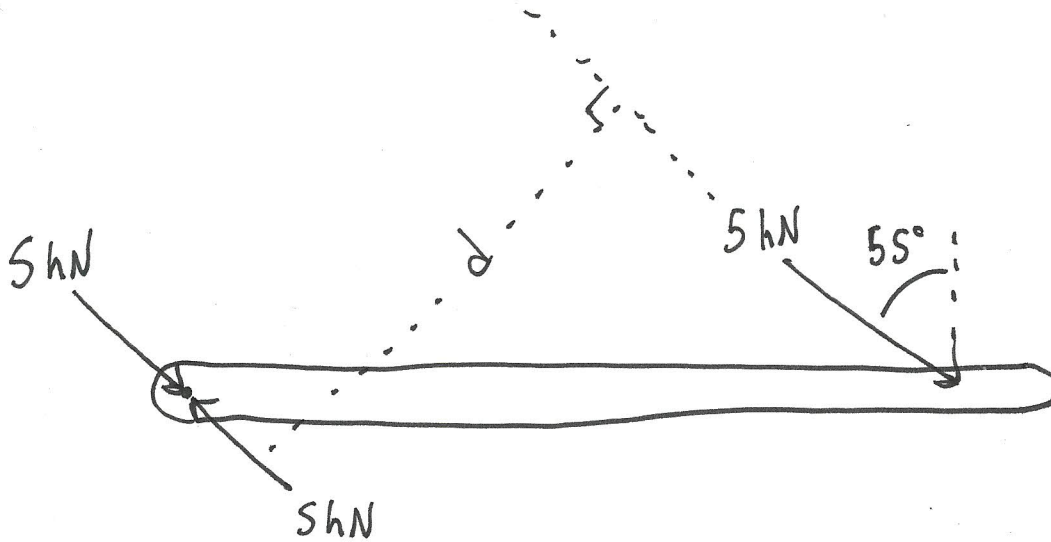
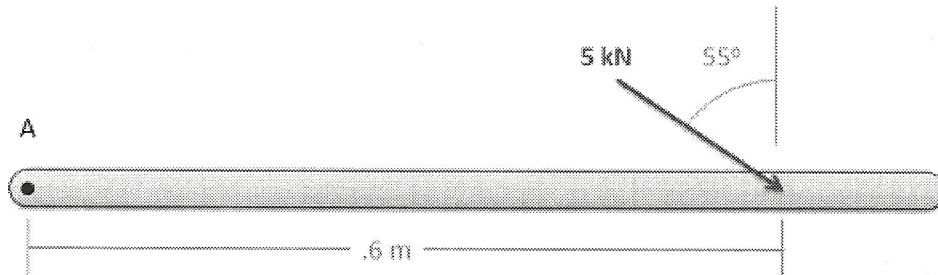


**Question 2:**

Resolve the force shown below to a force and a couple acting at point A.



$$M_{\text{couple}} = F \cdot d = -(5 \text{ kN})(0.6 \sin(35^\circ) \text{ m})$$

$$M_{\text{couple}} = -1.72 \text{ kNm}$$

