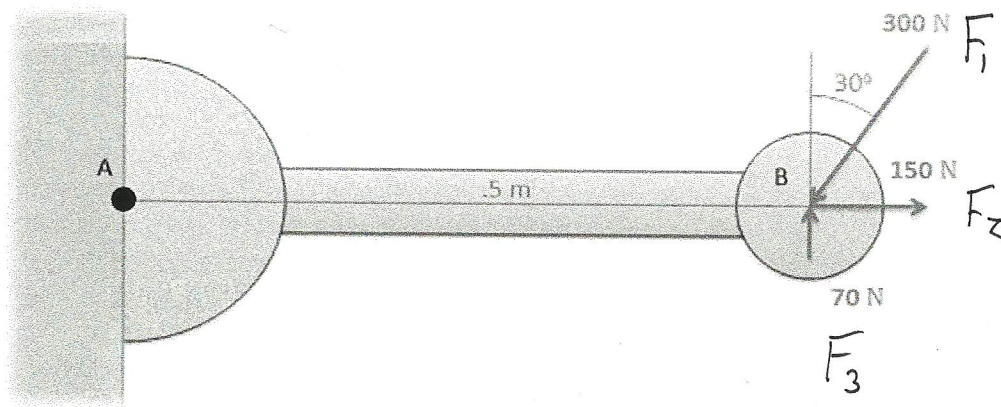
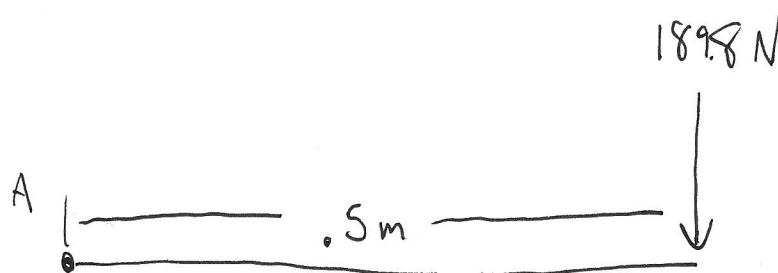


Use Varignon's Theorem to find the moment that the forces in the diagram below exert about point A.



$$\sum F_x = -(300)\sin(30) + 150 = 0$$

$$\sum F_y = -(300)\cos(30) + 70 = -189.8\text{ N}$$



$$M_A = -(189.8\text{ N})(0.5\text{ m}) = \boxed{-94.9\text{ Nm}}$$