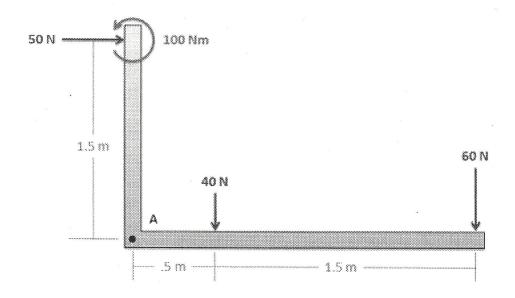
Question 1:

Find the equivalent force couple system for the forces shown below about point A.



$$\Sigma F_{x} = S_{0} N = S_{0} N$$

$$\Sigma F_{y} = -4_{0} N - 6_{0} N = -1_{0} N$$

$$\Sigma M_{x} = 100 Nm - (S_{0}N)(1.S_{m}) - (4_{0}N)(.S_{m})$$

$$- (6_{0}N)(2m) = -115 Nm$$

