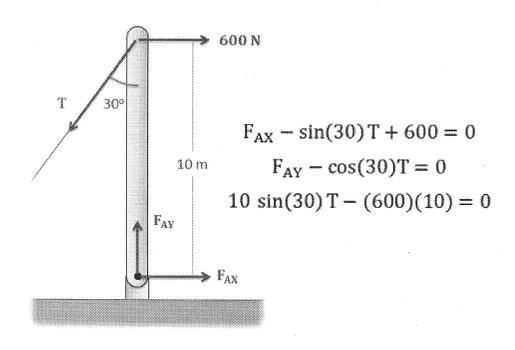
The equilibrium equations for the body shown below are listed on the right. Convert the system of equations into a single matrix equation and solve for the unknowns.



$$F_{AX} - \sin(30)T = -600$$

$$F_{AY} - \cos(30)T = 0$$

$$10 \sin(30)T = 6000$$

$$A - \sin(30) = F_{AX} = 600$$

$$1 - \cos(30) = F_{AY} = 600$$

$$1 - \cos(30) = F_{AY} = 6000$$

$$1 - \cos(30) = F_{AY} = 6000$$