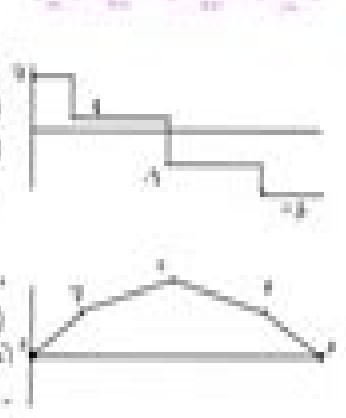
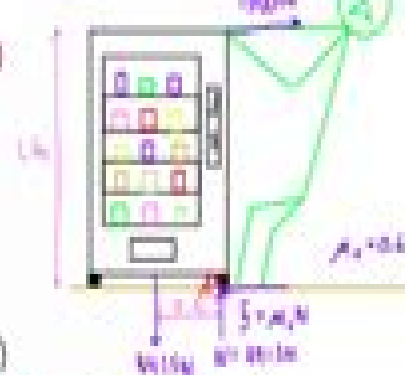
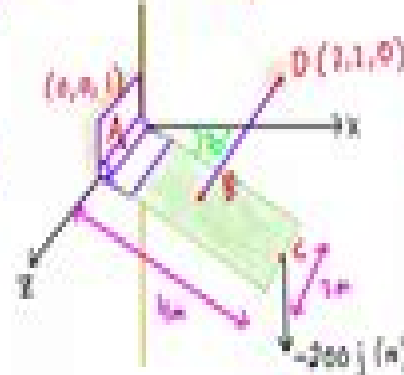
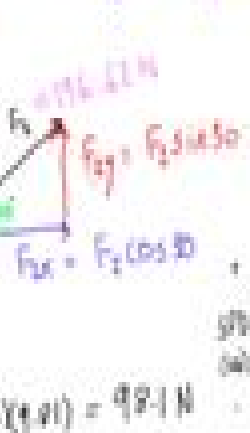
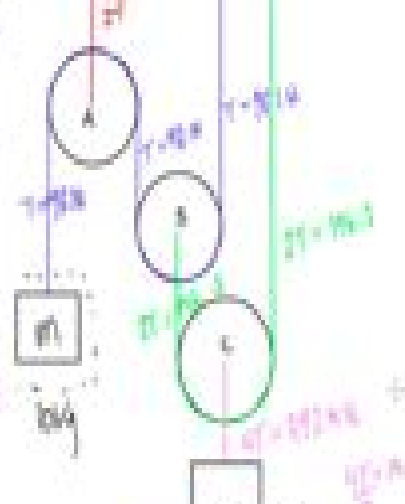




$$M_A = \vec{r} \times \vec{F} = \begin{bmatrix} 3 \\ 4 \end{bmatrix} \times \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix} = \begin{bmatrix} -4 \cdot 0 - 0 \cdot 0 \\ 0 \cdot 0 - 3 \cdot 0 \\ 3 \cdot 0 - 0 \cdot 4 \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \\ 3 \end{bmatrix} = 30 \text{ N}\cdot\text{m}$$



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