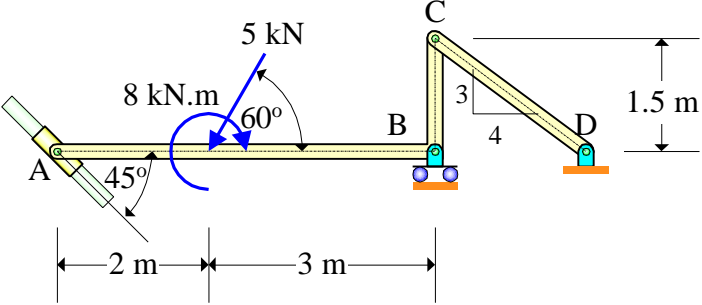
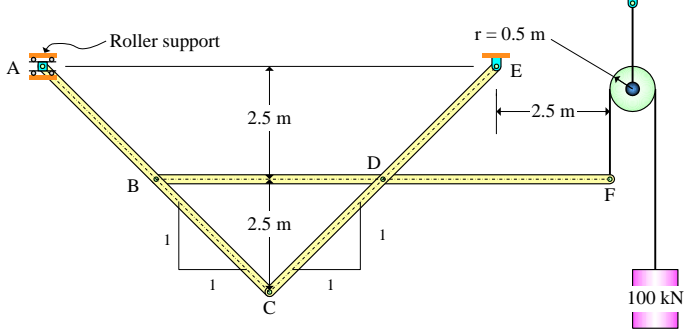
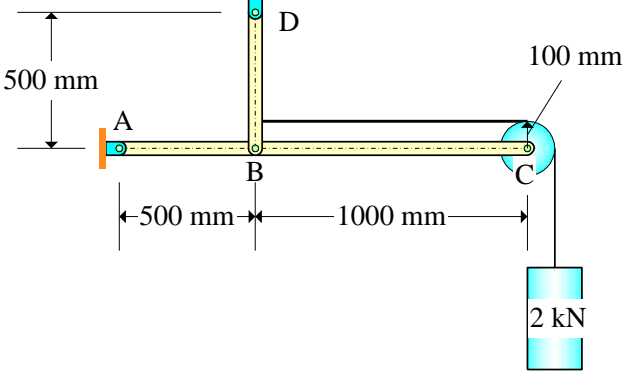


PLEASE INCLUDE THIS PAGE WITH YOUR SUBMISSION

NAME: _____ Student # _____ GROUP: _____

ENG 1440 Assignment #8

<p>1. Find the force in the linkage ABC. The collar at A is smooth. Neglect the weight of each bar.</p>	
<p>2. Find the forces on bar CDE if the weight is 100 kN.</p>	
<p>3. In the frame shown, the members are pin-connected and their weights can be neglected.</p> <p>(a) Find the external reactions on the frame at A and D.</p> <p>(b) Find the forces at A and B on member ABC.</p>	
<p>Bonus.</p> <p>In the frame shown in the figure, the members are pin-connected and their weights can be neglected. The 21 kN force is applied to the pin at C. Find</p> <p>a) The reactions on the frame at A and F.</p> <p>b) The components of the forces exerted on members ABC and BDF.</p>	