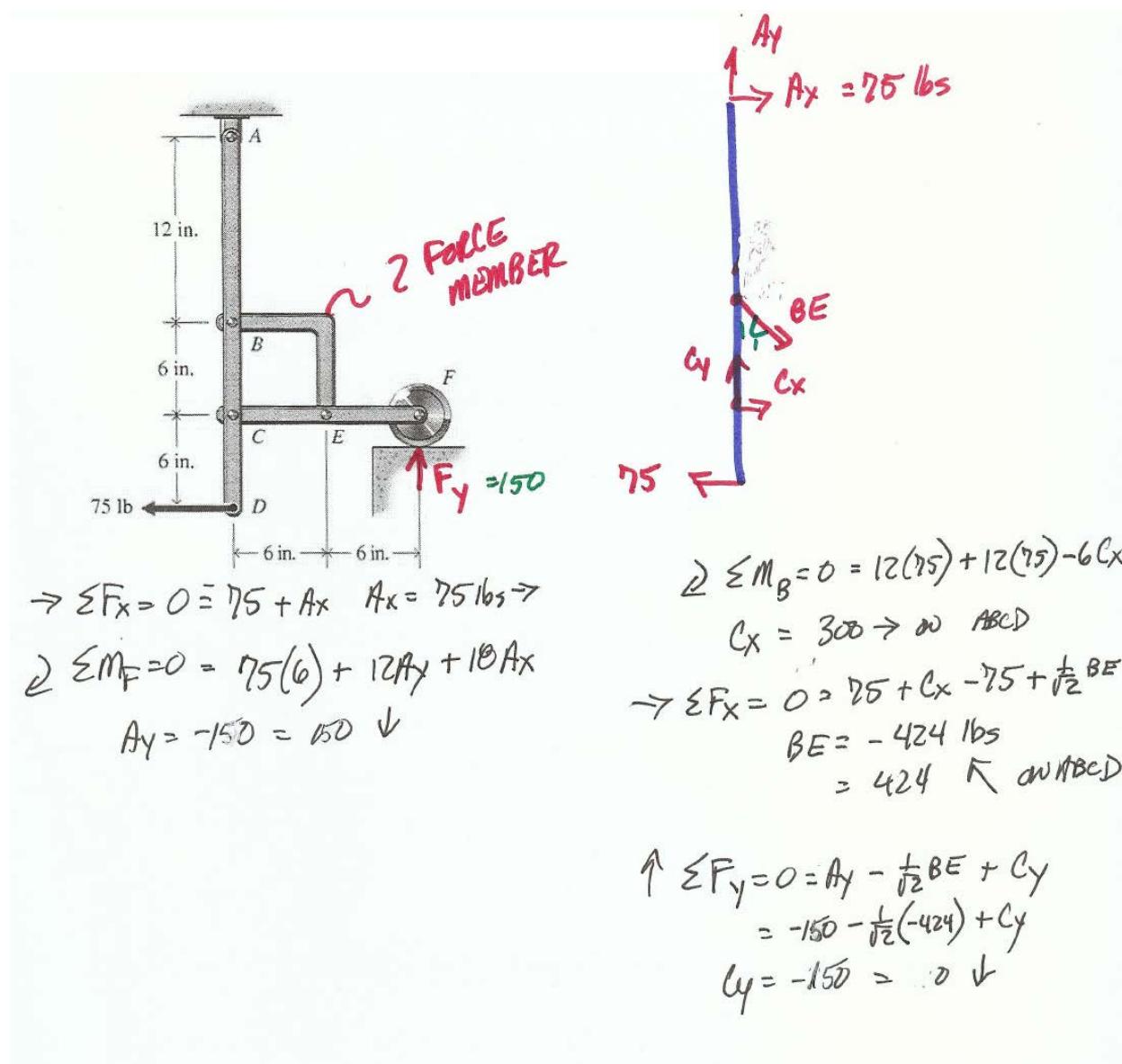


**Problem 7:** Determine the forces acting on member ABCD of the frame.



**ANSWER:**  $A_x = 75 \text{ lbs} \rightarrow BE = 424 \text{ lbs} @ 45^\circ \nwarrow C_x = 300 \text{ lbs} \rightarrow$   
 $A_y = 150 \text{ lbs} \downarrow C_y = 150 \text{ lbs} \downarrow \text{All on ABCD}$