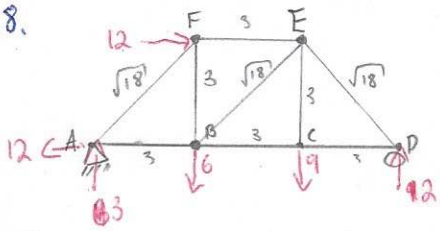
28.



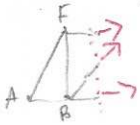
$\Sigma M_A = 0, \; -12(3) - 6(3) - 9(6) + F_{D_y}(9) = 0$

$F_{D_y} = 12$

$\Sigma F_y = 0, \; F_{A_y} = 3$

$\Sigma F_x = 0, \; F_{A_x} = -12$

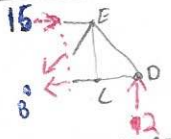
Point B



$\Sigma M_B = 0, \; -3(3) - 12(3) - F_{FE}(3)$

$F_{FE} = 15 \; (C)$

Point E



$\Sigma M_E = 0, \; 12(3) - F_{CB}(3) = 0$

$F_{CB} = 12 \; (T)$

$\Sigma M_C = 0, \; 12(3) - 15(3) + \frac{3}{\sqrt{18}} F_{EB}(3)$

$F_{EB} = \sqrt{18} \; (T)$