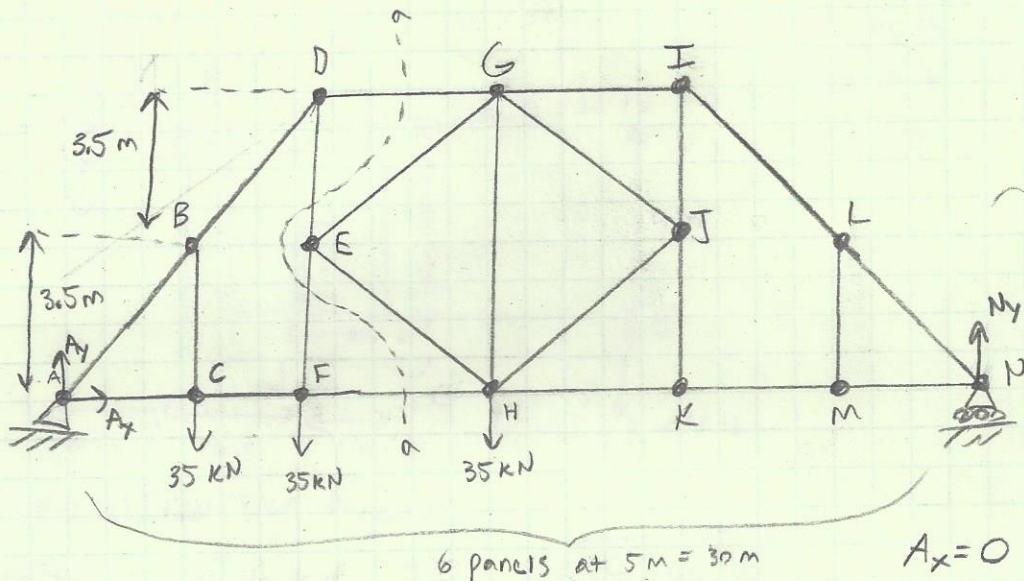


6.43



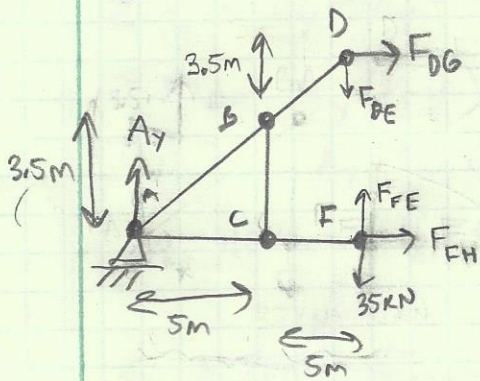
$F_{DG} = ? \quad F_{FH} = ?$

$A_x = 0$

$\sum F_x = A_x = 0$

$\sum M_N = -A_y(30m) + 35kN(15m + 20m + 25m) = 0$

$A_y = 70 kN$



$\sum M_F = -70kN(10m) - F_{DG}(7m) = 0$

$F_{DG} = -100 kN$

$\sum M_D = -70kN(10m) + F_{FH}(7m) = 0$

$F_{FH} = 100 kN$