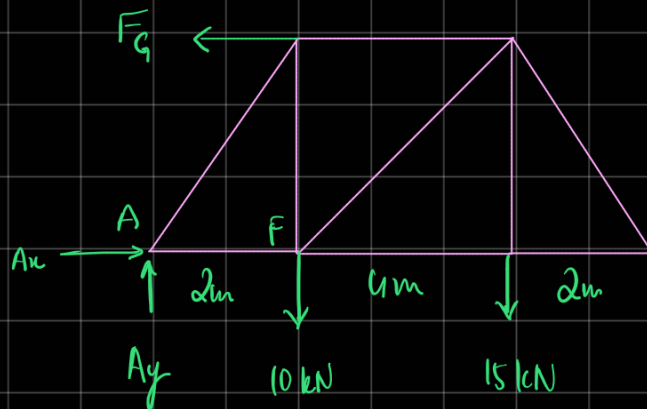


Simplest form of truss

Truss

composed of triangular members

girder very large beam



$$\sum F_x = 0 \quad \therefore A_x = G_x$$

$$\sum F_y = 0$$

$$\sum M = 0$$

$$M_A - 20 - 60 = 0$$

$$A_y - 10 - 15 = 0$$

$$A_y = 25 \text{ kN}$$