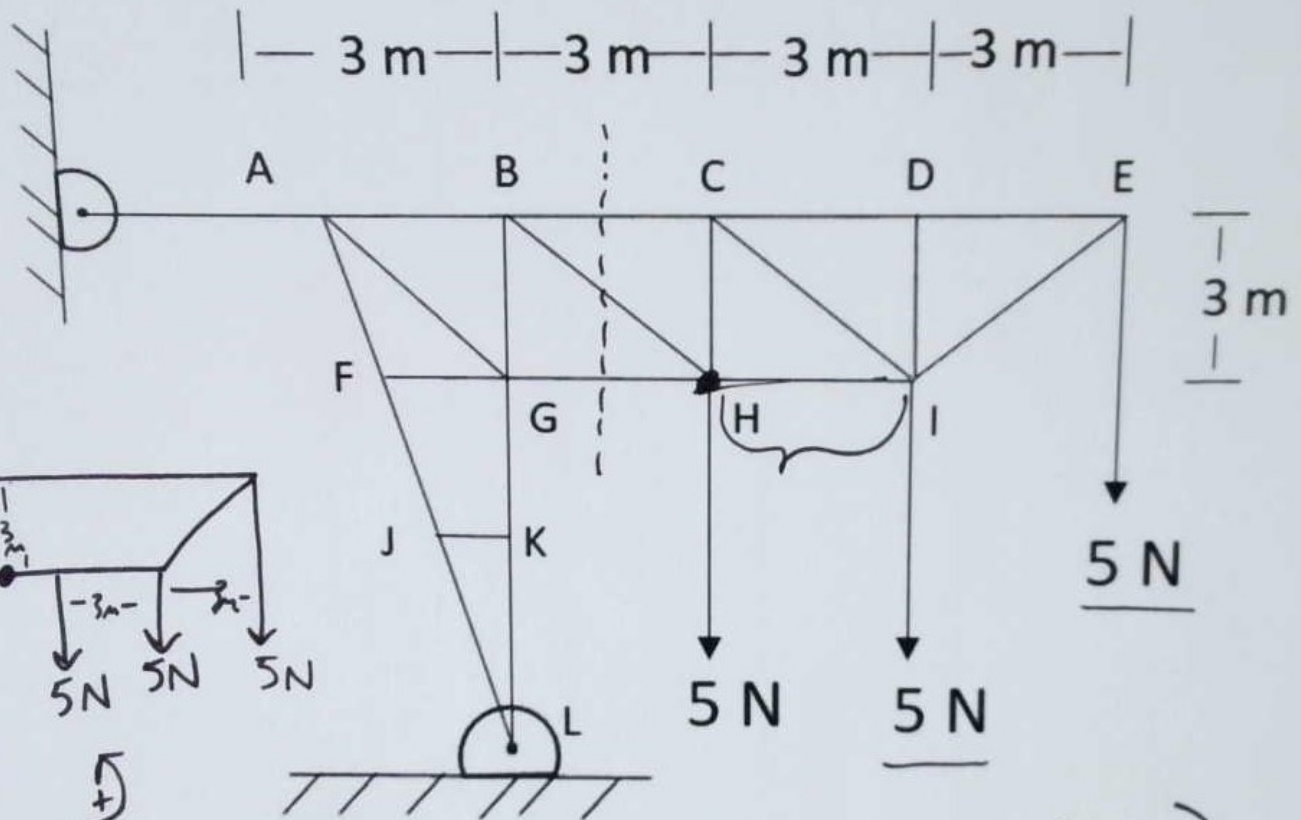


The figure below shows a pin jointed truss. Find the force in Member **BC**.



$$\sum M_H = 0 = (F_{BC})(3m) - (5N)(3m) - (5N)(6m)$$

$$F_{BC} = \frac{45 \text{ Nm}}{3m} = \boxed{15 \text{ N}}$$