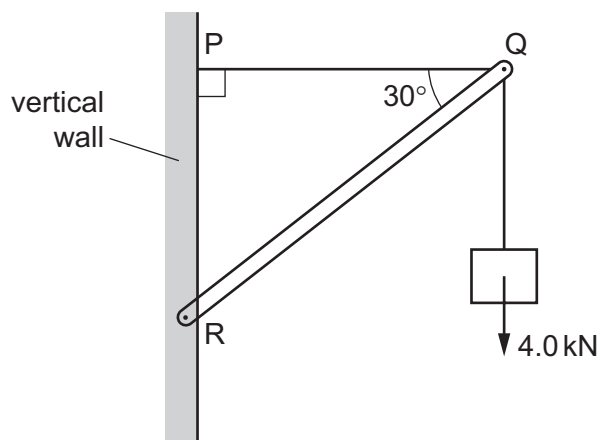


- 14** A beam QR is held in position by a wire PQ. The structure is used to form a crane supporting a stationary load of 4.0 kN, as shown.



What is the force exerted by the beam QR on point Q?

- A** 4.0 kN **B** 4.6 kN **C** 6.9 kN **D** 8.0 kN