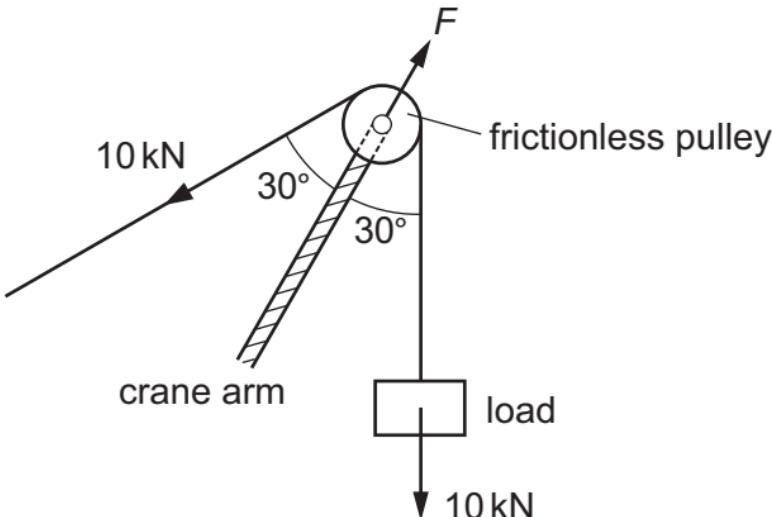


- 2 A crane has an arm to which is attached a frictionless pulley. A cable passes over the pulley and supports a load of 10 kN as shown.



The crane arm exerts a force F on the pulley.

What is the value of F ?

A 5.0 kN

B 8.7 kN

C 10 kN

D 17 kN