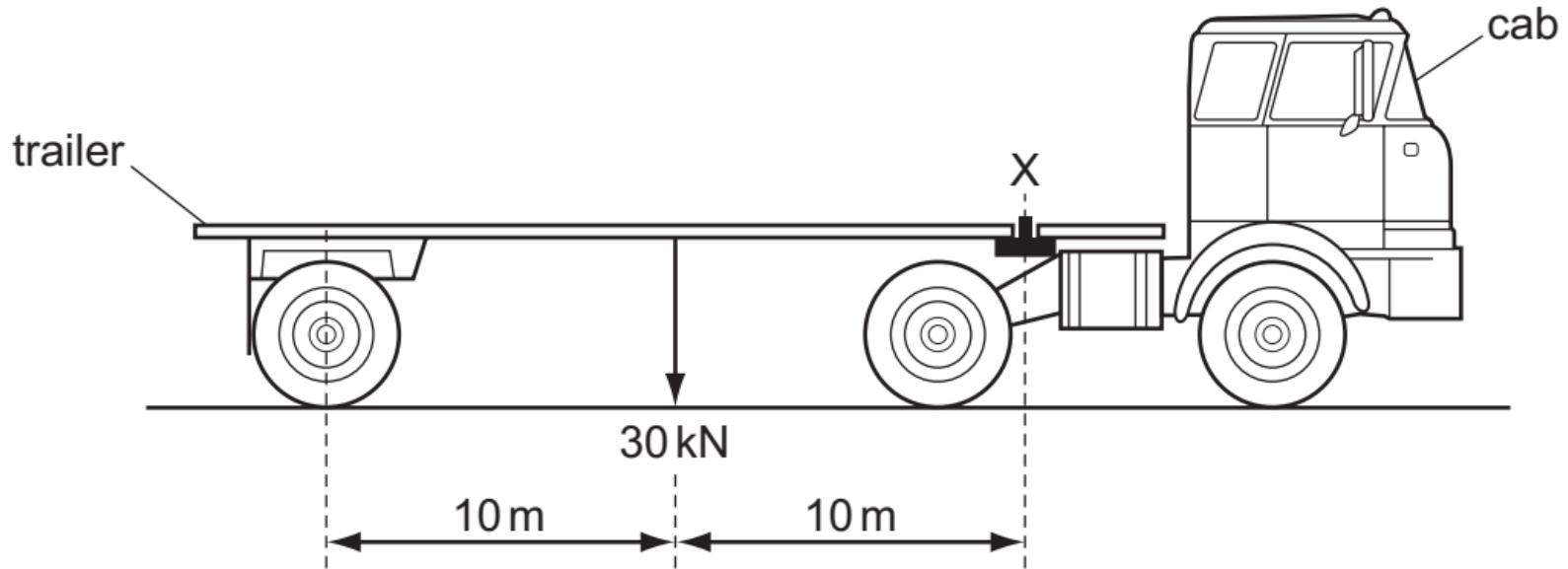


14 A trailer of weight 30 kN is hitched to a cab at X, as shown in the diagram.



What is the upward force exerted by the cab on the trailer at X?

A 3 kN

B 15 kN

C 30 kN

D 60 kN

15 When a horizontal force F is applied to a frictionless trolley over a distance s , the kinetic energy