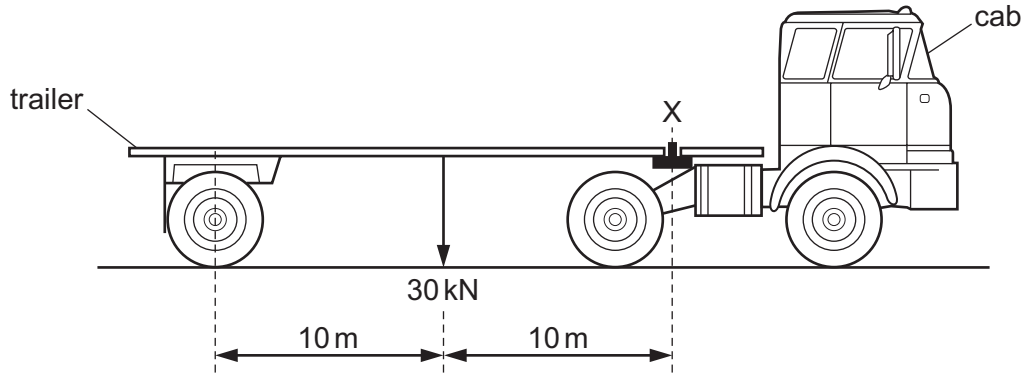


14 A trailer of weight 30 kN is attached to a cab at X, as shown in the diagram.



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

A 3 kN

B 15 kN

C 30 kN

D 60 kN

15 The diameter of a solid metal sphere is measured using a micrometer screw gauge. The diagram