

- 5** A ball of mass 1.2 kg is dropped from rest from a height of 2.8 m. It hits the ground and rebounds to a height of 2.0 m. The duration of impact with the ground is 0.25 s. Assume air resistance is negligible.

What is the average net force on the ball during impact?

A 71 N

B 66 N

C 60 N

D 55 N