

- 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