

- 16** The kinetic energy of a vehicle of mass 1000 kg is  $4.5 \times 10^5$  J. It is braked with a total constant braking force of 6000 N.

What will be its stopping distance?

- A** 37 m                      **B** 75 m                      **C** 150 m                      **D** 300 m

**Space for working**