

**1** A man is running a race in a straight line.

What is an approximate value of his kinetic energy?

**A** 10 J

**B** 100 J

**C** 1000 J

**D** 10 000 J

**2** A car of mass 1000 kg is moving at a speed of  $4.0 \times 10^3 \text{ m s}^{-1}$ .