

**8** What is a reasonable estimate of the momentum of a family car travelling at 25 kilometres per hour?

- A**  $1 \times 10^4 \text{ kg m s}^{-1}$
- B**  $1 \times 10^5 \text{ kg m s}^{-1}$
- C**  $1 \times 10^6 \text{ kg m s}^{-1}$
- D**  $1 \times 10^7 \text{ kg m s}^{-1}$

**9** A ball rolls with a velocity of  $5 \text{ m s}^{-1}$  to the right.