

**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**  $1 \times 10^7 \text{ kg m s}^{-1}$