

- 16** A team of nine dogs can pull a sledge with a combined force of 800 N at a speed of  $1.5 \text{ m s}^{-1}$  for 360 minutes.

What is the average work done by each dog during this time?

- A**  $4.8 \times 10^4 \text{ J}$       **B**  $4.3 \times 10^5 \text{ J}$       **C**  $2.9 \times 10^6 \text{ J}$       **D**  $2.6 \times 10^7 \text{ J}$

- 17** Which statement is correct?