

2 A car is travelling at its cruising speed on an expressway. It is then brought to rest.

Which value is most likely to represent the car's change of momentum?

- A  $3 \times 10^3 \text{ kg ms}^{-1}$
- B  $3 \times 10^4 \text{ kg ms}^{-1}$
- C  $3 \times 10^5 \text{ kg ms}^{-1}$
- D  $3 \times 10^6 \text{ kg ms}^{-1}$