

1 A car is travelling at close to the top speed on an expressway. It is then brought to rest.

Which value is the best estimate of the car's change of momentum?

A $2 \times 10^2 \text{ kg m s}^{-1}$

B $2 \times 10^4 \text{ kg m s}^{-1}$

C $2 \times 10^6 \text{ kg m s}^{-1}$

D $2 \times 10^8 \text{ kg m s}^{-1}$

2 A cylinder has volume V . The length of the cylinder is known with an uncertainty of $\pm 1\%$ and the