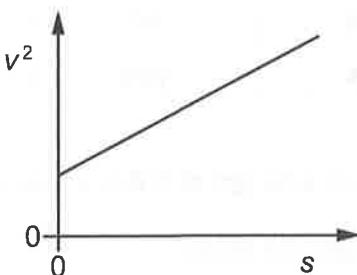


- 4 A particle moves in a straight line with a constant acceleration. When the velocity of the particle is v , its displacement is s .

The graph shows the variation of v^2 with s for the particle.



What is represented by the gradient of the graph?

- A $\frac{1}{\text{acceleration}}$
- B $\frac{\text{acceleration}}{2}$
- C acceleration
- D $2 \times \text{acceleration}$

