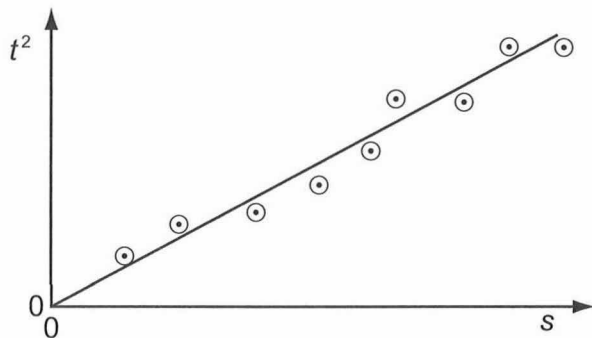


- 1 An object falls freely from rest and travels a distance s in time t . A graph of t^2 against s is plotted and used to determine the acceleration of free fall g .



The gradient of the graph is found to be $0.204 \text{ s}^2 \text{ m}^{-1}$.

Which statement about the value obtained for g is correct?

- A** It is accurate but not precise.
- B** It is both precise and accurate.
- C** It is neither precise nor accurate.
- D** It is precise but not accurate.