

5 Which equation, representing uniformly accelerated motion in a straight line, can be determined using **only** the definition of acceleration?

- A** $s = ut + \frac{1}{2}at^2$
- B** $s = \frac{1}{2}(u + v)t$
- C** $v = u + at$
- D** $v^2 = u^2 + 2as$