

**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**  $v^2 = u^2 + 2as$