

1. Which equation represents the second equation of motion?
 - (a) $v = u + 2as$
 - (b) $v = u + at$
 - (c) $s = \underline{ut} + \frac{1}{2}at^2$
 - (d) $v^2 = u^2 + 2as$

2. If the initial velocity is 5 m/s, acceleration is 3 m/s², and time is 2 seconds, what is the displacement?
 - (a) 20 m/s
 - (b) 14 m/s
 - (c) 10 m/s
 - (d) 16 m/s

3. Which variable is not present in the second equation of motion?
 - (a) Displacement
 - (b) Acceleration
 - (c) Initial Velocity
 - (d) Final velocity