

Motion in Straight Line



Answer Key

1. b) Change in velocity over time
2. c) Change in velocity divided by total time taken
3. b) Acceleration at a specific moment in time
4. a) 4 m/s^2
5. b) Negative acceleration
6. b) Uniform acceleration
7. b) -5 m/s^2
8. c) A car that speeds up and then slows down
9. c) Acceleration
10. b) 36 m/s^2
11. a) 2 m/s^2
12. c) Slowing down
13. b) $a = \frac{v_f - v_i}{t}$