

ANSWER KEY

ACCELERATION AND AVERAGE SPEED

IPC

1. SPEED AND VELOCITY
V, S, S, V
2. SCALAR OR VECTOR
V, V, V, S

1. 3 m/s²
2. 29 m/s
3. 125 kg
4. 228 m
5. 6 N
6. 23 sec

Acceleration calculations

1. 2 m/s²
2. 35, 714 mi/hr²
3. 9 mph
4. 180 m/s

Graph answers:

5 or 6 m/s²

Constant= A, C

Deceleration= B

Acceleration= D

Slope= speed

acceleration