NOVA SCOTIA SCIENCE 10 · UNIT C · 5 QUESTIONS

Motion — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **An object speeds up from 20 metres per second to 40 metres per second in 5 seconds. Its acceleration in metres per second squared is**

ANSWER

Understand It with Pulse | Flag a mistake

2 **A car that travels 120 kilometres in 2 hours has average speed in kilometres per hour of**



A 60

B 30

C 120

D 240

Understand It with Pulse | Flag a mistake

3 **Speed differs from velocity because velocity also includes**

A mass

B direction

C time only

D colour

Understand It with Pulse | Flag a mistake

4 **Displacement differs from distance because displacement includes**

A speed only

B time only

C direction

D mass only

Understand It with Pulse | Flag a mistake

5 **On a distance time graph a flat line means the object is**

A speeding up

B slowing down

C moving backwards

D not moving

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 4
2. A
3. B
4. C
5. D

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