SASKATCHEWAN SCIENCE 10 · UNIT C · 5 QUESTIONS

Motion - Constant Speed and Acceleration — 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 10 m per second to 30 m per second in 5 s. The acceleration, in metres per second squared, is ____**

ANSWER _____

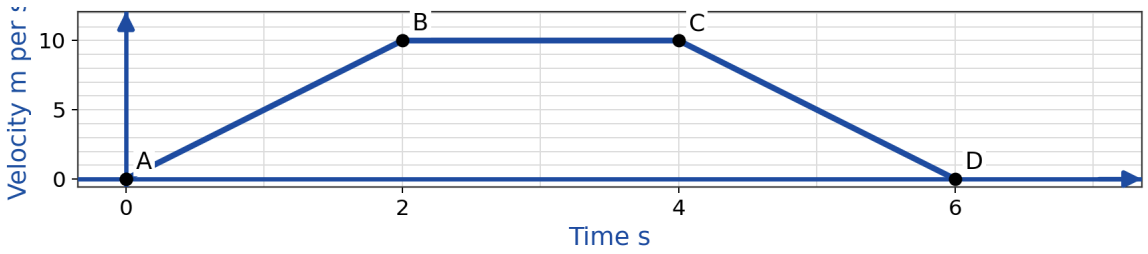
Understand It with Pulse | Flag a mistake

2 **An object starts at 5 m per second and accelerates at 2 m per second squared for 4 s. The displacement, in metres, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The graph shows velocity against time. The displacement from 0 s to 6 s, in metres, is**



- **A** 30
- **B** 40
- **C** 50
- **D** 60

Understand It with Pulse | Flag a mistake

4 **An object speeds up from 4 m per second to 16 m per second in 4 s. The acceleration, in metres per second squared, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An object starts at 0 m per second and accelerates at 2 m per second squared for 5 s. The displacement, in metres, is ____**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 4
2. 36
3. B
4. 3
5. 25

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