NORTHWEST TERRITORIES PHYSICS 11 (MPH--11) · UNIT A · 5 QUESTIONS

Kinematics: Describing 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 **Red octagonal STOP sign on a metal pole against a pale blue sky, sign large in frame, no people. The sign face carries the word STOP (the real-world object); the image shows the eight-sided shape, not the answer word (octagon). Position tells where an object is relative to**



A its speed

B a chosen origin

C its mass

D the time

Understand It with Pulse Flag a mistake

2 **A dog runs 200 m in 25 s. The average speed, in metres per second, is ____**

ANSWER _____

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3 **A rocket starts at 5 m per s and accelerates at 2 m per s squared for 6 s. The final speed, in metres per second, is ____**

ANSWER _____

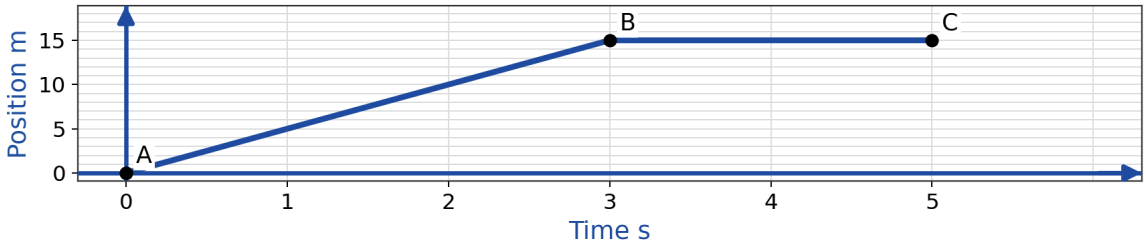
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4 **A boat starts at 4 m per s and accelerates at 3 m per s squared for 2 s. The displacement, in metres, is ____**

ANSWER _____

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5 **The graph shows position against time. The speed in the first section, in metres per second, is**



- **A** 5
- **B** 3
- **C** 10
- **D** 15

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ANSWER KEY

1. B
2. 8
3. 17
4. 14
5. A

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