SASKATCHEWAN SCIENCE 10 · UNIT C

Motion - Constant Speed and Acceleration — Practice Test

Saskatchewan Science 10 • 10 questions

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 0 m per second to 20 m per second in 4 s. The acceleration, in metres per second squared, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The rate of change of velocity is called**

A acceleration

B vector

C average speed

D uniform motion

Understand It with Pulse | Flag a mistake

4 **The straight line change in position of an object is called**

A displacement

B speed

C acceleration

D scalar

Understand It with Pulse | Flag a mistake

5 **Total distance divided by total time is called**

A average speed

B displacement

C velocity

D speed

Understand It with Pulse | Flag a mistake

6 **Which quantity is a scalar**

A velocity

B displacement

C acceleration

D speed

Understand It with Pulse | Flag a mistake

7 **An object speeds up from 6 m per second to 18 m per second in 3 s. The acceleration, in metres per second squared, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **An object starts at 1 m per second and accelerates at 4 m per second squared for 3 s. The displacement, in metres, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **An object speeds up from 8 m per second to 24 m per second in 8 s. The acceleration, in metres per second squared, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **An object starts at 2 m per second and accelerates at 2 m per second squared for 6 s. The displacement, in metres, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	5	**5.**	A	**9.**	2
2.	14	**6.**	D	**10.**	48
3.	A	**7.**	4		
4.	A	**8.**	21		

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