PRINCE EDWARD ISLAND PHYSICS 11 · UNIT A

Kinematics — Practice Test

Prince Edward Island Physics 11 • 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 travels 120 metres in 6 seconds at constant speed. What is its speed in metres per second**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An object speeds up from 20 metres per second to 40 metres per second in 5 seconds. What is its acceleration in metres per second squared**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **On a distance time graph, the slope of the line gives the**

- A acceleration
- B speed
- C distance
- D time

Understand It with Pulse | Flag a mistake

4 **On a velocity time graph, the area under the line gives the**

- A acceleration
- B speed
- C force
- D displacement

Understand It with Pulse | Flag a mistake

5 **On a velocity time graph, the slope of the line gives the**

A distance

B speed

C acceleration

D time

Understand It with Pulse | Flag a mistake

6 **The SI unit of acceleration is**

A metres per second

B metres per second squared

C newtons

D metres

Understand It with Pulse | Flag a mistake

7 **The SI unit of speed is**

A metres per second

B kilometres per hour only

C metres

D seconds

Understand It with Pulse | Flag a mistake

8 **Uniform motion means velocity is**

A increasing

B decreasing

C constant

D zero always

Understand It with Pulse | Flag a mistake

9 **Velocity differs from speed because velocity includes**

A time

B direction

C mass

D distance only

Understand It with Pulse | Flag a mistake

10 **An object travels 90 metres in 3 seconds at constant speed. What is its speed in metres per second**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	20.00	**5.**	C	**9.**	B
2.	4.00	**6.**	B	**10.**	30.00
3.	B	**7.**	A		
4.	D	**8.**	C		

© 2026 Brett Robbins. All Rights Reserved.