MANITOBA PHYSICS 30S · UNIT D · 10 QUESTIONS

Fields — 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 starts at 4 metres per second and accelerates at 6 metres per second squared for 4 seconds. Its final speed, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An object starts at 4 metres per second and accelerates at 3 metres per second squared for 4 seconds. Its final speed, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An object starts at 4 metres per second and accelerates at 5 metres per second squared for 4 seconds. Its final speed, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A mass of 6 kilograms accelerates at 7 metres per second squared. The net force, in newtons, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A mass of 2 kilograms moves at 2 metres per second. Its kinetic energy, in joules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The unit of voltage is the**

A volt

B ampere

C ohm

D watt

Understand It with Pulse | Flag a mistake

7 **The speed of light in a vacuum is about**

A 150000 kilometres per second

B 300000 kilometres per second

C 300 kilometres per second

D 3000 kilometres per second

Understand It with Pulse | Flag a mistake

8 **The planet closest to the Sun is**

A Venus

B Mars

C Mercury

D Earth

Understand It with Pulse | Flag a mistake

9 **The process of water changing from liquid to gas is**

A condensation

B freezing

C melting

D evaporation

Understand It with Pulse | Flag a mistake

10 **The process of gas changing to liquid is**

A condensation

B evaporation

C sublimation

D melting

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	28	**5.**	4	**9.**	D
2.	16	**6.**	A	**10.**	A
3.	24	**7.**	B		
4.	42	**8.**	C		

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