MANITOBA PHYSICS 30S · UNIT B · 5 QUESTIONS

Nature of Light — 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 **Small cylindrical resistor with coloured bands on a green circuit board, large in frame. A current of 3 amperes flows through a resistor of 8 ohms. The voltage, in volts, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **An object starts at 4 metres per second and accelerates at 4 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 travels 40 metres in 2 seconds. Its speed, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **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

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

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 24
2. 20
3. 20
4. 16
5. 28

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