QUEBEC PHYSICS, SECONDARY V · UNIT C · 5 QUESTIONS

Transformation of Energy — 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). A force of 50 newtons pushes an object 2 metres in the direction of the force. The work done, in joules, is**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A mass of 5 kilograms moves at 4 metres per second. Its kinetic energy, in joules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The sum of kinetic and potential is called mechanical**

A mass

B force

C energy

D heat

Understand It with Pulse | Flag a mistake

4 **Power is the rate at which work is done or energy is**

A stored

B transferred

C coloured

D weighed

Understand It with Pulse | Flag a mistake

5 **The area under a force-against-distance curve gives the**

A power

B force

C work done

D mass

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 100
2. 40
3. C
4. B
5. C

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