NOVA SCOTIA PHYSICS 11 · UNIT C · 5 QUESTIONS

Work, Energy and Power — 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 25 newtons pushes an object 8 metres in the direction of the force. The work done, in joules, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A force of 50 newtons pushes an object 4 metres. The work done, in joules, is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **An object of mass 3 kilograms moves at 10 metres per second. Its kinetic energy, in joules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Gravitational potential energy depends on mass, height and**

A speed

B time

C gravitational field strength

D temperature

Understand It with Pulse | Flag a mistake

5 **A force of 30 newtons pushes an object 6 metres in the direction of the force. The work done, in joules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 200
2. 200
3. 150
4. C
5. 180

© 2026 Brett Robbins. All Rights Reserved.