NORTHWEST TERRITORIES PHYSICS 11 (MPH--11) · UNIT C · 5 QUESTIONS

Energy, Work 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). Kinetic energy depends on an object**



A mass and speed

B height only

C temperature

D volume only

Understand It with Pulse

Flag a mistake

2 **A 3 kg puck moves at 4 m per s. Its kinetic energy, in joules, is ____**

ANSWER _____

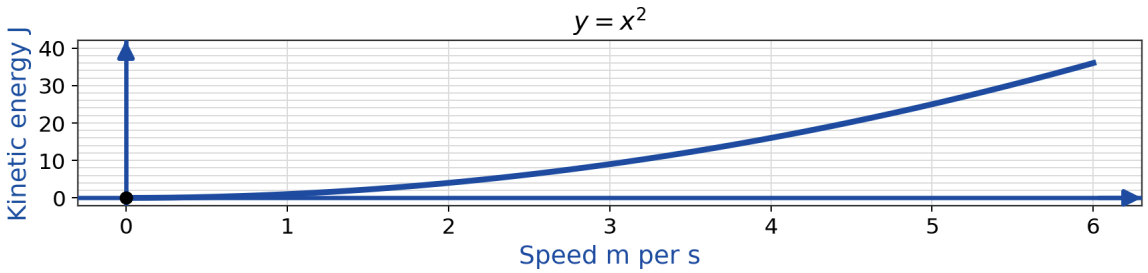
Understand It with Pulse | Flag a mistake

3 **A 4 kg mass is 5 m above the ground. Using g = 9.8 m per s squared, its gravitational potential energy, in joules, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The graph shows kinetic energy against speed for a 2 kg object. The kinetic energy at 5 m per s, in joules, is**



- **A** 5
- **B** 10
- **C** 25
- **D** 50

Understand It with Pulse | Flag a mistake

5 **A 15 N force pushes a crate 6 m. The work done, in joules, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. 24
3. 196
4. C
5. 90

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