YUKON PHYSICS 11 (MPH--11) · YUKON

Yukon Physics 11 (MPH--11)
Practice Test

Unit C: Energy, Work and Power

5 Questions

Original practice test based on the Yukon curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

Kinetic energy depends on an object

A) mass and speed

B) height only

C) temperature

D) volume only

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Question 2

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

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Question 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 ____

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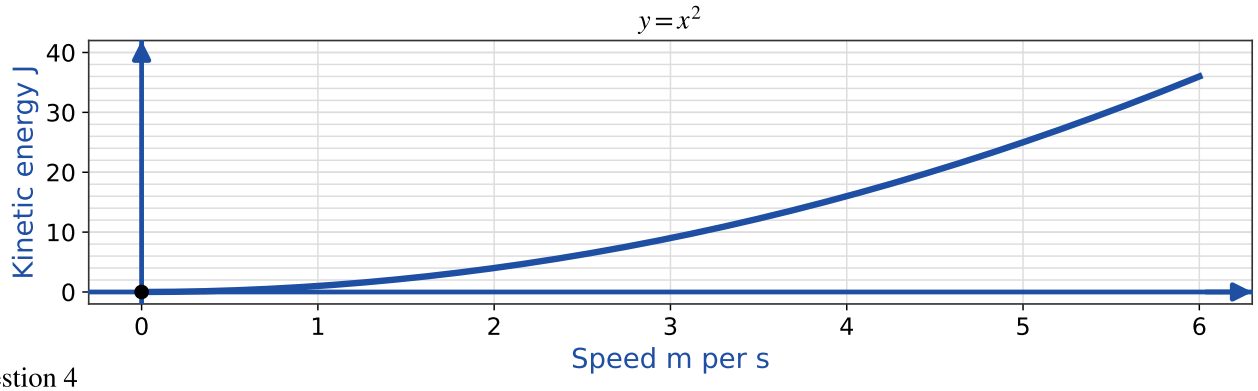

Question 4

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

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Question 5

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

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ANSWER KEY

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

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