SASKATCHEWAN PHYSICS 30 · UNIT C · 5 QUESTIONS

Conservation Laws - Energy and Momentum — 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 **A mass of 4 kg is lifted 5 m . Using g = 9.8 m per second squared , its gain in gravitational potential energy , in joules , is ____**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A mass of 5 kg moves at 8 m per second. Its kinetic energy, in joules, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A mass of 6 kg moves at 7 m per second. Its momentum, in kg m per second, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A mass of 2 kg is lifted 20 m . Using g = 9.8 m per second squared , its gain in gravitational potential energy , in joules , is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A mass of 3 kg moves at 10 m per second. Its kinetic energy, in joules, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 196
2. 160
3. 42
4. 392
5. 150

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