DELAWARE PHYSICS · UNIT 2 · 10 QUESTIONS

Work, 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 **The kinetic energy in joules of a 2 kilogram mass moving at 5 meters per second is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Using g = 10 meters per second squared , the gravitational potential energy in joules of a 2 kilogram mass at a height of 2 meters is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Work of 200 joules is done in 5 seconds. The power in watts is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The kinetic energy in joules of a 4 kilogram mass moving at 10 meters per second is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Using g = 10 meters per second squared , the gravitational potential energy in joules of a 2 kilogram mass at a height of 4 meters is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A force of 20 newtons pushes an object 10 meters. The work done in joules is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Work of 100 joules is done in 2 seconds. The power in watts is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The momentum in kilogram meters per second of a 2 kilogram mass moving at 2 meters per second is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The kinetic energy in joules of a 2 kilogram mass moving at 3 meters per second is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A force of 25 newtons pushes an object 10 meters. The work done in joules is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	25	**5.**	80	**9.**	9
2.	40	**6.**	200	**10.**	250
3.	40	**7.**	50		
4.	200	**8.**	4		

© 2026 Brett Robbins. All Rights Reserved.