ARIZONA PHYSICS · UNIT 2 · 5 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 **A force of 25 N pushes an object 6 m in the direction of the force. The work done is**



A 31 J

B 150 J

C 19 J

D 4.2 J

Understand It with Pulse | Flag a mistake

2 **A machine does 150 J of work in 5 s. Its power output is**

A 750 W

B 145 W

C 30 W

D 155 W

Understand It with Pulse | Flag a mistake

3 **An object of mass 5 kg moves at 4 m/s. Its kinetic energy is**

A 40 J

B 20 J

C 80 J

D 10 J

Understand It with Pulse | Flag a mistake

4 **Use g = 10 m/s². An object of mass 10 kg is 3 m above the ground. Its gravitational potential energy is**

- A 13 J
- B 30 J
- C 300 J
- D 33 J

Understand It with Pulse | Flag a mistake

5 **An object of mass 8 kg moves at 2.5 m/s. Its momentum is**

- A 3.2 kg m/s
- B 10.5 kg m/s
- C 20 kg m/s
- D 5.5 kg m/s

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. C
3. A
4. C
5. C

© 2026 Brett Robbins. All Rights Reserved.