COLLISIONS AND CONSERVATION OF MOMENTUM - PRACTICE TEST | NEW BRUNSWICK PHYSICS 121-122 · UNIT B · 5 QUESTIONS

Collisions and Conservation of 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 3 kilograms moves at 7 metres per second. Its momentum is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A mass of 6 kilograms moves at 2 metres per second. Its momentum is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A 4 kilogram object at 5 metres per second sticks to a 1 kilogram stationary object. The final speed in metres per second is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A force of 15 newtons acts for 4 seconds. The impulse in newton seconds is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An impulse of 30 newton seconds acts on a 5 kilogram mass. The velocity change in metres per second is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 21
2. 12
3. 4
4. 60
5. 6

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