QUEBEC PHYSICS, SECONDARY V · UNIT B · 5 QUESTIONS

Dynamics — 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 kilograms accelerates at 6 metres per second squared. The net force, in newtons, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Static friction acts before motion starts and kinetic friction acts during**

A melting

B heating

C sliding

D colouring

Understand It with Pulse | Flag a mistake

3 **The balancing force of a system is equal in size and opposite in direction to the**

A mass

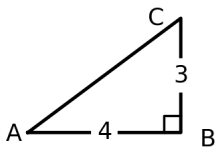
B velocity

C resultant

D energy

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4 **The diagram shows two perpendicular forces of 3 newtons and 4 newtons as sides of a right triangle. The magnitude of their resultant, in newtons, is**



ANSWER

Understand It with Pulse | Flag a mistake

5 **The normal force on a horizontal plane acts perpendicular to the**

A surface

B gravity

C motion

D friction

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ANSWER KEY

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

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