SASKATCHEWAN SCIENCE 10 · UNIT D · 5 QUESTIONS

Forces and Motion Technologies — 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 moves an object 8 m. The work done, in joules, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A mass of 20 kg accelerates at 4 m per second squared. The net force, in newtons, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A small silver electric motor with cooling fins and power cable sits on a wooden workbench. Work of 100 J is done in 25 s. The power, in watts, is _____**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A force of 15 N moves an object 20 m. The work done, in joules, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A mass of 6 kg accelerates at 6 m per second squared. The net force, in newtons, is _____**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 200
2. 80
3. 4
4. 300
5. 36

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