SASKATCHEWAN PHYSICS 30 · UNIT B

Forces and Motion — Practice Test

Saskatchewan Physics 30 • 5 questions

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 15 kg accelerates at 4 m per second squared. The net force, in newtons, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A diagram showing all forces acting on an object is called**

A free body diagram

B projectile

C centripetal acceleration

D centripetal force

Understand It with Pulse | Flag a mistake

3 **A force of 30 N moves an object 20 m. The work done, in joules, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A car covers 200 m in 20 s. The average speed, in metres per second, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An object speeds up from 10 m per second to 30 m per second in 4 s. The acceleration, in metres per second squared, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 60
2. A
3. 600
4. 10
5. 5

© 2026 Brett Robbins. All Rights Reserved.