SASKATCHEWAN SCIENCE 10 · UNIT D

Forces and Motion Technologies — Practice Test

Saskatchewan Science 10 • 10 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 force of 60 N moves an object 5 m. The work done, in joules, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A mass of 4 kg accelerates at 10 m per second squared. The net force, in newtons, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Work of 300 J is done in 15 s. The power, in watts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A car moving east slows down. Its acceleration points**

A east

B west

C north

D south

Understand It with Pulse | Flag a mistake

5 **A force of 12 N moves an object 25 m. The work done, in joules, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A mass of 15 kg accelerates at 3 m per second squared. The net force, in newtons, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Work of 240 J is done in 12 s. The power, in watts, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A force of 35 N moves an object 6 m. The work done, in joules, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A mass of 9 kg accelerates at 4 m per second squared. The net force, in newtons, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Work of 500 J is done in 25 s. The power, in watts, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	300	**5.**	300	**9.**	36
2.	40	**6.**	45	**10.**	20
3.	20	**7.**	20		
4.	B	**8.**	210		

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