SASKATCHEWAN PHYSICS 30 · UNIT D

Fields - Gravitational, Electric and Magnetic — Practice Test

Saskatchewan Physics 30 • 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 voltage of 20 V is applied across a resistance of 10 ohms. The current, in amperes, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A current of 5 A flows through a resistance of 4 ohms. The voltage, in volts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A device uses 12 V and 5 A. Its power, in watts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A voltage of 36 V is applied across a resistance of 9 ohms. The current, in amperes, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A current of 1 A flows through a resistance of 12 ohms. The voltage, in volts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A device uses 18 V and 2 A. Its power, in watts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A voltage of 40 V is applied across a resistance of 10 ohms. The current, in amperes, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A current of 6 A flows through a resistance of 5 ohms. The voltage, in volts, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A device uses 20 V and 4 A. Its power, in watts, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A device rated at 2 kW runs for 5 h. The energy used, in kilowatt hours, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	2	**5.**	12	**9.**	80
2.	20	**6.**	36	**10.**	10
3.	60	**7.**	4		
4.	4	**8.**	30		

© 2026 Brett Robbins. All Rights Reserved.