QUEBEC APPLIED SCIENCE AND TECHNOLOGY, SECONDARY IV · UNIT B · 10 QUESTIONS

Material World - Chemical Changes, Electricity and Energy — 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 **Use g = 9.8 metres per second squared . An object of mass 4 kilograms has weight , in newtons , of**

ANSWER

Understand It with Pulse | Flag a mistake

2 **Use g = 9.8 metres per second squared . An object displaces 2 kilograms of water . The buoyant force on it , in newtons , is**



ANSWER

Understand It with Pulse | Flag a mistake

3 **The unit of electric charge is the**

A ampere

B ohm

C coulomb

D volt

Understand It with Pulse | Flag a mistake

4 **The unit of electric current is the**

A coulomb

B ohm

C volt

D ampere

Understand It with Pulse | Flag a mistake

5 **Two forces in equilibrium have a resultant force of**

A maximum

B double

C negative mass

D zero

Understand It with Pulse | Flag a mistake

6 **Two forces of 40 newtons and 15 newtons act in opposite directions on an object. The resultant force, in newtons, is**



ANSWER

Understand It with Pulse | Flag a mistake

7 **Two forces of 30 newtons and 20 newtons act in the same direction on an object. The resultant force, in newtons, is**

ANSWER

Understand It with Pulse | Flag a mistake

8 **Use g = 9.8 metres per second squared . An object of mass 10 kilograms has weight , in newtons , of**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Use g = 9.8 metres per second squared . An object displaces 5 kilograms of water . The buoyant force on it , in newtons , is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Use g = 9.8 metres per second squared . An object of mass 6 kilograms has weight , in newtons , of**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 39.2
2. 19.6
3. C
4. D
5. D
6. 25
7. 50
8. 98
9. 49
10. 58.8

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