PRINCE EDWARD ISLAND CHEMISTRY 11 · UNIT A · 10 QUESTIONS

Structure and Properties of Chemicals and Chemical Bonds — 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 neutral atom of sodium loses 1 electrons to form an ion. What is the charge of the ion, as a positive whole number**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Atomic radius generally increases down a group because atoms gain**



A protons only

B neutrons only

C valence electrons only

D electron shells

Understand It with Pulse | Flag a mistake

3 **A neutral atom of calcium loses 2 electrons to form an ion. What is the charge of the ion, as a positive whole number**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Ionisation energy generally increases across a period because electrons are held**

A more strongly

B less strongly

C not at all

D by neutrons

Understand It with Pulse | Flag a mistake

5 **A neutral atom of magnesium loses 2 electrons to form an ion. What is the charge of the ion, as a positive whole number**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Electronegativity is a measure of an atom's ability to**

A lose protons

B attract bonding electrons

C gain neutrons

D form ions

Understand It with Pulse | Flag a mistake

7 **A neutral atom of aluminium loses 3 electrons to form an ion. What is the charge of the ion, as a positive whole number**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A compound with the formula NaCl has sodium and chlorine in the ratio**

- A 1 to 2
- B 2 to 1
- C 1 to 1
- D 1 to 3

Understand It with Pulse | Flag a mistake

9 **A neutral atom of potassium loses 1 electrons to form an ion. What is the charge of the ion, as a positive whole number**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A compound with the formula H_2O has hydrogen and oxygen in the ratio**

A 1 to 1

B 1 to 2

C 2 to 2

D 2 to 1

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 1
2. D
3. 2
4. A
5. 2
6. B
7. 3
8. C
9. 1
10. D

© 2026 Brett Robbins. All Rights Reserved.