CONNECTICUT CHEMISTRY · UNIT 1 · 10 QUESTIONS

Matter and Atomic Structure — 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 **Which statement about Mixture is correct**

- A two or more atoms held together by bonds
- B a table organizing elements by properties
- C a combination of substances not chemically combined
- D an element that is shiny and conducts heat and electricity

Understand It with Pulse | Flag a mistake

2 **Which statement about Molecule is correct**

- A a table organizing elements by properties
- B an element that is shiny and conducts heat and electricity
- C an element that is a poor conductor
- D two or more atoms held together by bonds

Understand It with Pulse | Flag a mistake

3 **Which statement about Periodic table is correct**

A a table organizing elements by properties

B an element that is shiny and conducts heat and electricity

C an element that is a poor conductor

D an element with properties of metals and nonmetals

Understand It with Pulse | Flag a mistake

4 **Which statement about Metal is correct**

A an element that is a poor conductor

B an element that is shiny and conducts heat and electricity

C an element with properties of metals and nonmetals

D a column of the periodic table

Understand It with Pulse | Flag a mistake

5 **Which statement about Nonmetal is correct**

A an element with properties of metals and nonmetals

B a column of the periodic table

C an element that is a poor conductor

D a row of the periodic table

Understand It with Pulse | Flag a mistake

6 **An atom has atomic number 6 and mass number 12. Its number of neutrons is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **An atom has 11 protons and 12 neutrons. Its mass number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A neutral atom has atomic number 17. Its number of electrons is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **An isotope has 8 protons and 10 neutrons. Its mass number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **An atom loses 2 electrons. Its charge is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**5.**	C	**9.**	18
2.	D	**6.**	6	**10.**	2
3.	A	**7.**	23		
4.	B	**8.**	17		

© 2026 Brett Robbins. All Rights Reserved.