PRINCE EDWARD ISLAND SCIENCE 10 (GENERAL) · UNIT B

Chemical Processes — Practice Test

Prince Edward Island Science 10 (General) • 25 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 **In chemistry study, which term matches this description: smallest part of an element?**

A atom

B molecule

C element

D compound

Understand It with Pulse | Flag a mistake

2 **In chemistry study, what is the main purpose or meaning of atom?**

- A smallest part of an element
- B two or more atoms bonded
- C substance of one atom type
- D substance of bonded elements

Understand It with Pulse | Flag a mistake

3 **In chemistry study, which term matches this description: two or more atoms bonded?**

- A element
- B compound
- C molecule
- D solution

Understand It with Pulse | Flag a mistake

4 **In chemistry study, what is the main purpose or meaning of molecule?**

A substance of one atom type

B substance of bonded elements

C even mixture of substances

D two or more atoms bonded

Understand It with Pulse | Flag a mistake

5 **In chemistry study, which term matches this description: substance of one atom type?**

A element

B compound

C solution

D solvent

Understand It with Pulse | Flag a mistake

6 **In chemistry study, what is the main purpose or meaning of element?**

- A substance of bonded elements
- B substance of one atom type
- C even mixture of substances
- D substance dissolving another

Understand It with Pulse | Flag a mistake

7 **In chemistry study, which term matches this description: substance of bonded elements?**

- A solution
- B solvent
- C compound
- D solute

Understand It with Pulse | Flag a mistake

8 **In chemistry study, what is the main purpose or meaning of compound?**

A even mixture of substances

B substance dissolving another

C substance dissolved in a solvent

D substance of bonded elements

Understand It with Pulse | Flag a mistake

9 **In chemistry study, which term matches this description: even mixture of substances?**

A solution

B solvent

C solute

D pH scale

Understand It with Pulse | Flag a mistake

10 **In chemistry study, what is the main purpose or meaning of solution?**

- A substance dissolving another
- B even mixture of substances
- C substance dissolved in a solvent
- D measure of acidity

Understand It with Pulse | Flag a mistake

11 **In chemistry study, which term matches this description: substance dissolving another?**

- A solute
- B pH scale
- C solvent
- D corrosion

Understand It with Pulse | Flag a mistake

12 **In chemistry study, what is the main purpose or meaning of solvent?**

- A substance dissolved in a solvent
- B measure of acidity
- C slow breakdown by reaction
- D substance dissolving another

Understand It with Pulse | Flag a mistake

13 **In chemistry study, which term matches this description: substance dissolved in a solvent?**

- A solute
- B pH scale
- C corrosion
- D conservation of mass

Understand It with Pulse | Flag a mistake

14 **In chemistry study, what is the main purpose or meaning of solute?**

- A measure of acidity
- B substance dissolved in a solvent
- C slow breakdown by reaction
- D mass is not lost in reactions

Understand It with Pulse | Flag a mistake

15 **A chemistry study display holds 36 items and a second display holds 6 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A chemistry study collection has 40 items. After 8 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **In chemistry study, 48 notes are shared equally among 4 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A chemistry study project uses 5 groups with 30 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A chemistry study display holds 42 items and a second display holds 6 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A chemistry study collection has 24 items. After 4 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **In chemistry study, 54 notes are shared equally among 6 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A chemistry study project uses 7 groups with 28 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A chemistry study display holds 60 items and a second display holds 6 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A chemistry study collection has 32 items. After 8 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **In chemistry study, 36 notes are shared equally among 6 students. Each student receives**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	A	**10.**	B	**19.**	48
2.	A	**11.**	C	**20.**	20
3.	C	**12.**	D	**21.**	9
4.	D	**13.**	A	**22.**	196
5.	A	**14.**	B	**23.**	66
6.	B	**15.**	42	**24.**	24
7.	C	**16.**	32	**25.**	6
8.	D	**17.**	12		
9.	A	**18.**	150		

© 2026 Brett Robbins. All Rights Reserved.