Real World Chemical Reactions — Practice Test

Prince Edward Island Science 10 • 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 reaction study, which term matches this description: starting substance in a reaction?**

- A reactant
- B product
- C combustion
- D acid

Understand It with Pulse | Flag a mistake

2 **In reaction study, what is the main purpose or meaning of reactant?**

- A starting substance in a reaction
- B substance made in a reaction
- C burning reaction with oxygen
- D substance releasing hydrogen ions

Understand It with Pulse | Flag a mistake

3 **In reaction study, which term matches this description: substance made in a reaction?**

- A combustion
- B acid
- C product
- D base

Understand It with Pulse | Flag a mistake

4 **In reaction study, what is the main purpose or meaning of product?**

- A burning reaction with oxygen
- B substance releasing hydrogen ions
- C substance accepting hydrogen ions
- D substance made in a reaction

Understand It with Pulse | Flag a mistake

5 **In reaction study, which term matches this description: burning reaction with oxygen?**

- A combustion
- B acid
- C base
- D neutralisation

Understand It with Pulse | Flag a mistake

6 **In reaction study, what is the main purpose or meaning of combustion?**

A substance releasing hydrogen ions

B burning reaction with oxygen

C substance accepting hydrogen ions

D acid base reaction making salt

Understand It with Pulse | Flag a mistake

7 **In reaction study, which term matches this description: substance releasing hydrogen ions?**

A base

B neutralisation

C acid

D catalyst

Understand It with Pulse | Flag a mistake

8 **In reaction study, what is the main purpose or meaning of acid?**

A substance accepting hydrogen ions

B acid base reaction making salt

C substance speeding a reaction

D substance releasing hydrogen ions

Understand It with Pulse | Flag a mistake

9 **In reaction study, which term matches this description: substance accepting hydrogen ions?**

A base

B neutralisation

C catalyst

D exothermic reaction

Understand It with Pulse | Flag a mistake

10 **In reaction study, what is the main purpose or meaning of base?**

A acid base reaction making salt

B substance accepting hydrogen ions

C substance speeding a reaction

D reaction releasing heat

Understand It with Pulse | Flag a mistake

11 **In reaction study, which term matches this description: acid base reaction making salt?**

A catalyst

B exothermic reaction

C neutralisation

D endothermic reaction

Understand It with Pulse | Flag a mistake

12 **In reaction study, what is the main purpose or meaning of neutralisation?**

A substance speeding a reaction

B reaction releasing heat

C reaction absorbing heat

D acid base reaction making salt

Understand It with Pulse | Flag a mistake

13 **In reaction study, which term matches this description: substance speeding a reaction?**

A catalyst

B exothermic reaction

C endothermic reaction

D chemical equation

Understand It with Pulse | Flag a mistake

14 **In reaction study, what is the main purpose or meaning of catalyst?**

A reaction releasing heat

B substance speeding a reaction

C reaction absorbing heat

D symbols showing a reaction

Understand It with Pulse | Flag a mistake

15 **A reaction study display holds 40 items and a second display holds 5 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A reaction study collection has 36 items. After 4 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **In reaction study, 48 notes are shared equally among 8 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A reaction study project uses 3 groups with 30 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A reaction study display holds 24 items and a second display holds 6 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A reaction study collection has 54 items. After 9 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **In reaction study, 42 notes are shared equally among 6 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A reaction 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 reaction study display holds 60 items and a second display holds 5 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A reaction study collection has 32 items. After 4 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **In reaction study, 40 notes are shared equally among 5 students. Each student receives**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	A	**10.**	B	**19.**	30
2.	A	**11.**	C	**20.**	45
3.	C	**12.**	D	**21.**	7
4.	D	**13.**	A	**22.**	196
5.	A	**14.**	B	**23.**	65
6.	B	**15.**	45	**24.**	28
7.	C	**16.**	32	**25.**	8
8.	D	**17.**	6		
9.	A	**18.**	90		

© 2026 Brett Robbins. All Rights Reserved.