

I dont even know



Practice Test Multiple Choice Identify the letter of the choice that best completes the statement or answers the question.

1. Chemical reactions occur only in living organisms only occur outside living organisms b. Create and destroy atoms d. Produce new substances

2. Everyday equations describe thermonuclear reactions chemical reactions everyday processes biological chemistry

3. What does the symbol in a chemical equation mean? Heat is supplied to the reaction. Yields A catalyst is needed. Precipitate

4. Chemical equations describe chemical reactions show how to write chemical formulas give directions for naming chemical compounds describe only biological changes

5. A skeleton equation does NOT show which of the following? A. The correct formulas of the reactants and products the reactants on the left, the products on the right an arrow connecting the reactants to the products the relative amounts of reactants and products

6. Symbols used in equations, together with the explanations of the symbols, are shown below.

Which set is correct? A. (g), grams (as), dissolved in water (l), liters So, solid product

7. In the chemical equation $\text{HO}(\text{as}) \rightarrow \text{HO}(\text{l}) + \text{O}(\text{g})$, the is a catalyst product solid reactant

8. This symbol Δ indicates that heat must be applied an incomplete combustion reaction has occurred a gas is formed by the reaction the reaction is reversible

9. A catalyst is the product of a combustion reaction not used up in a reaction one of the reactants in single-replacement reactions a solid product of a reaction

10.

Which of the following is the correct skeleton equation for the reaction that takes place when solid phosphorus combines with oxygen gas to form

diaphanous pinpointed? A. P(S) O(g) O POP(g) P(S) O₂(g) POP(S) POP(S) O
 P(S) O(g) 1 1 . If you rewrite the following word equation as a balanced
 chemical equation, what will the coefficient and symbol for fluorine be?

Nitrogen tetrachloride nitrogen fluorine 12. What are the coefficients that will
 balance the skeleton equation below? ACACIA + Noah Al(OH) Niacin 13. 14. 3
 2 4 15.

What are the coefficients that will balance the skeleton equation below?

When the equation Fee CLC Fecal is balanced, what is the coefficient for
 CLC? When the following equation is balanced, what is the coefficient for

HCl? MGM(s) Hoc(as) Magic(as) H(g) 6 16. Which of the following statements

is NOT true about what happens in all chemical reactions? A. The ways in
 which atoms are joined together are changed. New atoms are formed as
 products. The starting substances are called reactants. The bonds of the

reactants are broken and new bonds of the products are formed. 7. Chemical
 equations must be balanced to satisfy the law of definite proportions the law
 of conservation of mass the law of multiple proportions Avogadro principle

18. When the equation Kilo(s) Kcal(s) + O(g) is balanced, the coefficient of

CHECK 19. In every balanced chemical equation, each side of the equation

has the same number of atoms of each element moles molecules coefficients

20. What are the missing coefficients for the skeleton equation below? Car(s)

Fee(S) 21 . What are the missing coefficients for the skeleton equation
 below?

AY(SO) (as) KOCH(as) O KS(as) 1, 3, 23 z 124, 6 22. When potassium

hydroxide and barium chloride react, potassium chloride and barium

hydroxide are formed. The balanced equation for this reaction is KHZ sail KC

ABA-H KOOK sail CLC as(OH) KOCH sail KC sash 23. The product of a combination reaction is Baa(OH). If one of the reactants is HO, what is the other reactant?