




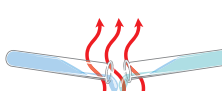
Chemical Reactions


Phys
Sci

Name _____ Class _____ Date _____

- 1 In order for a **chemical change** to take place, _____.
Circle the answer letter.
- a. products must turn into reactants
b. reactants must turn into products
c. heat must be given off
- 

- 6 Balance the following reaction by writing the correct number of **molecules** for O_2 .
- $$4SO_2 + \square O_2 \longrightarrow 4SO_3$$


- 2 While conducting a science lab, a student mixes two different chemicals together and notices **heat being given off**. This is **evidence** for a(n) _____.
- a. endothermic reaction
- 

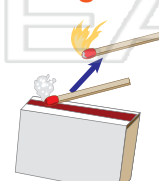
- 7 What is the **evidence** in this picture that a **chemical reaction** has occurred?
- a. light and heat
b. change of shape
c. change in mass
- 

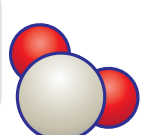
- 3
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PREVIEW

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- 4 The atomic mass of oxygen is _____ amu.
Circle the answer.
- 4 16 32
- 

- 5 A student carefully strikes a match and it ignites. What is the **purpose of striking** (moving quickly) the **match**?
- a. to provide a reactant
b. to soften the match
c. to provide activation energy
- 

- 10 What **type of chemical reaction** is shown in the reaction below?
- $$2H_2 + O_2 \longrightarrow 2H_2O$$
- 
- a. single replacement
b. double replacement
c. synthesis
d. decomposition



Chemical Reactions - Answer Key

Phys
Sci

Name _____ Class _____ Date _____

1 In order for a **chemical change** to take place, _____.

Circle the answer letter.

- a. products must turn into reactants
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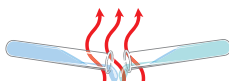
7 What is the **evidence** in this picture that a **chemical reaction** has occurred?

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- b. change of shape
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2 While conducting a science lab, a student mixes two different chemicals together and notices **heat being given off**. This is **evidence** for a(n) _____.

- a. endothermic reaction



3



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4

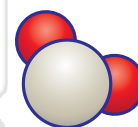
is _____ amu.

Circle the answer.

4 16 32



10 What **type of chemical reaction** is shown in the reaction below?



- a. single replacement
- b. double replacement
- c. synthesis
- d. decomposition

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