



PROPERTY CHANGES

Date: _____

Name: _____

Class: _____

1 Which of the following is an example of a physical change?

- A** Water freezing into ice
- B** A piece of wood burning
- C** A toy car rusting
- D** Zinc producing hydrogen gas when mixed with water

2  **What type of change has occurred when a nail rusts?**

- A** A physical change
- B** A chemical change
- C** An atomic change
- D** A reactive change

3 What does it mean when there is a physical change?


- A** Matter has changed from one substance into another
- B** Matter has changed on the molecular level
- C** A new substance has been formed
- D** Matter has changed size, shape or form

4 What is an example of a chemical change that happens inside your body?

- A** Food being broken down by enzymes in your stomach
- B** Food being broken into small pieces by your teeth
- C** Food being moved from your esophagus into your stomach
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6  **What can you infer about the changes that formed the Grand Canyon?**

- A** They were molecular changes
- B** They were chemical changes
- C** They were physical changes
- D** They were changes in weather

7 How does rust form?

- A** Through paint flaking off of a metal surface
- B** Through a chemical reaction between iron and oxygen
- C** Through weathering
- D** Through the physical mixing of iron and water

8 What happens when sodium undergoes a chemical reaction with chlorine?

- A** The two substances form a heterogeneous mixture
- B** The two substances form a homogenous mixture
- C** A new compound is formed – salt
- D** The two substances undergo various physical changes

9 Which term best describes the two substances that react to form salt?

- A** Delicious
- B** Nutritious
- C** Edible
- D** Toxic

10 Which phrase most accurately describes a chemical change?

- A** A change on the molecular level
- B** A change in appearance
- C** A change in taste
- D** A change in form