

# Combustion Review

BibleMouse.com

## Understanding Rapid Chemical Change

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about combustion and chemical changes.

1. What three things does fire need to burn?

- A. Fuel, Water, Heat
- B. Fuel, Oxygen, Heat
- C. Fuel, Air, Light

2. How is burning a chemical change?

---

---

---

3. Fire can burn without oxygen.

- True       False

4. Combustion is a rapid chemical reaction where fuel combines with \_\_\_\_ to produce heat and light.

5. What does fire change substances into?

- A. New materials
- B. Liquid forms
- C. Gases

6. What happens to wood when it burns?

---

---

---

7. Chemical changes are reversible transformations.

- True       False

8. The angel of Yahweh appeared to Moses in a flame of fire out of the midst of a \_\_\_\_.

9. What is an example of a rapid chemical change?

- A. Rusting of metal
- B. Burning of wood
- C. Melting ice

10. Why can't fires burn without oxygen?

---

---

---

---

Answer Key

1. Fuel, Oxygen, Heat 2. Burning is a chemical change because it transforms the material into new substances that cannot return to their original form. 3. False 4. oxygen 5. New materials 6. When wood burns, it turns into ash and releases gases, showing that it has changed into new materials. 7. False 8. bush 9. Burning of wood 10. Fires need oxygen to sustain the chemical reaction that produces heat and light. Without it, the fire cannot continue.