

# Physical Changes in Matter Review

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5th Grade Science

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

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

Answer the following questions based on what you've learned about physical changes in matter.

1. What is a characteristic of physical changes?

- A. They create new substances
- B. They alter appearance without changing composition
- C. They always involve heat

2. When ice melts, it undergoes a \_\_\_ change, not a chemical change.

3. Can you give an example of a physical change you observed today? Explain what happened.

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4. Physical changes change the chemical identity of a substance.

- True       False

5. What happens to matter during a physical change?

- A. It becomes a new substance
- B. Its identity remains the same
- C. It disappears completely

6. How is a physical change different from a chemical change?

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7. Dissolving sugar in water is an example of a \_\_\_ change.

8. Matter remains the same substance after a physical change.

- True       False

9. Which of the following is NOT a physical change?

- A. Freezing water
- B. Burning wood
- C. Dissolving salt in water

10. Why is it important to understand physical changes in matter?

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Answer Key

1. They alter appearance without changing composition 2. physical 3. I saw ice melting into water. The ice changed from solid to liquid, but it was still water. 4. False 5. Its identity remains the same 6. A physical change only alters the appearance without changing the substance, while a chemical change creates a new substance with different properties. 7. physical 8. True 9. Burning wood 10. Understanding physical changes helps us recognize how substances can transform without changing their identity. This is important in science and daily life.