

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

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

## Matter, Elements, and Atoms

1. What are elements? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Why are they sometimes called the "building blocks of matter"? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Give 2 examples of elements. \_\_\_\_\_

4. What is a **compound**? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Why would **sodium chloride** be considered a compound? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. What is a **mixture**? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Why would air be considered a mixture? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. In your own words, how would you explain the difference between a **compound** and a **mixture**. \_\_\_\_\_

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9. Who was Democritus? \_\_\_\_\_

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10. What is an atom? \_\_\_\_\_

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