

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

# Physical Science Chapter 15-2 Properties of Matter

1. What is the difference between a physical and a chemical property?

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2. Define physical property.

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3. Give at least 4 examples of physical properties that a sample of matter might have.

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4. Which property would we measure if we used a balance or scale?

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5. List a specific physical property of iron (many metals have this property).

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6. What is viscosity? How is viscosity of maple syrup compare to the viscosity of water?

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7. Examine Figure 13, how would you separate the mixture of seeds?

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8. Examine Figure 13, what physical property does magnesium have that sulfur does not?

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9. Think critically: How could we separate a mixture of sand and sugar?

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10. What is a physical change?

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11. Think critically: Does a change of state mean that a new substance is formed?

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12. How can we separate two different liquids that have been mixed together?

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13. What is a chemical property?

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14. Why are medicines often stored in dark colored bottles?

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15. What's a chemical change?

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16. What are 3 indicators that a chemical change is happening?

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17. Give an example of weathering that is would be considered a physical change.

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18. Give an example of weathering that would be considered a chemical change.

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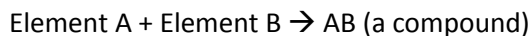
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19. What does the law of conservation of mass tell us?

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20. Think critically: If have a chemical reaction that says



If we have 10 grams of element A and 10 grams of element B, how many grams of the compound will be formed?

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