

SECTION 3

Reinforcement

Compounds and Mixtures

Directions: Select the term below that best describes each food listed.

homogeneous mixture

compound

heterogeneous mixture

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|--------------------|-------------------|
| 1. milk _____ | 6. popsicle _____ |
| 2. salt _____ | 7. chili _____ |
| 3. sugar _____ | 8. taco _____ |
| 4. soda pop _____ | 9. pizza _____ |
| 5. ice cream _____ | 10. water _____ |

Directions: Answer the following questions on the lines provided.

11. Describe what a compound's formula tells us about the compound.

12. Both compounds and mixtures contain more than one kind of atom. Explain how a compound is different from a mixture.

Directions: Draw a line from the term on the right to its definition or description on the left.

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|---|-----------------------|
| 13. a sample of matter that has the same composition and properties throughout | heterogeneous mixture |
| 14. a pure substance whose smallest unit is made up of atoms of more than one element | homogeneous mixture |
| 15. two or more substances that are together but do not combine to form a new, pure substance | compound |
| 16. a mixture that is the same throughout | substance |
| 17. a mixture with visible components | mixture |