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# HOMOGENEOUS VS. HETEROGENEOUS MATTER

Name \_\_\_\_\_

Classify the following substances and mixtures as either homogeneous or heterogeneous. Place a ✓ in the correct column.

**HOMOGENEOUS**

**HETEROGENEOUS**

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1. flat soda pop

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2. cherry vanilla ice cream

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3. salad dressing

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4. sugar

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5. soil

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6. aluminum foil

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7. black coffee

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8. sugar water

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9. city air

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10. paint

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11. alcohol

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12. iron

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13. beach sand

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14. pure air

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15. spaghetti sauce

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# Elements, Compounds, and Mixtures

Matter can be identified as an element, a compound, or a mixture. Identify the materials below by placing an **E** in front of an element, a **C** in front of a compound, and an **M** in front of a mixture.

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|---------------------------|-------------------------------|
| _____ 1. iron             | _____ 22. detergent           |
| _____ 2. dirt             | _____ <del>23. ink</del>      |
| _____ 3. sodium chloride  | _____ 24. phosphorus          |
| _____ 4. silver           | _____ 25. air                 |
| _____ 5. water            | _____ 26. calcium carbonate   |
| _____ 6. fertilizer       | _____ 27. muddy water         |
| _____ 7. milk             | _____ 28. powdered drink mix. |
| _____ 8. uranium          | _____ 29. calcium             |
| _____ 9. gold             | _____ 30. concrete            |
| _____ 10. neon            | _____ 31. carbon dioxide      |
| _____ 11. bronze          | _____ 32. blood               |
| _____ 12. seven-bean soup | _____ 33. cake mix            |
| _____ 13. baking soda     | _____ 34. iced tea            |
| _____ 14. bird's nest     | _____ 35. candy bar           |
| _____ 15. baking powder   | _____ 36. lemonade            |
| _____ 16. ocean water     | _____ 37. nitrogen            |
| _____ 17. aluminum        | _____ 38. paper               |
| _____ 18. starch          | _____ 39. chlorine            |
| _____ 19. paint           | _____ 40. carbon              |
| _____ 20. gasoline        | _____ 41. carbonated water    |
| _____ 21. sugar           | _____ 42. marshmallow         |