

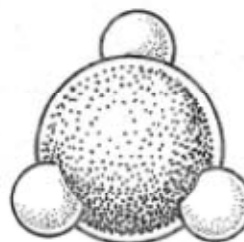
Chemistry 11

Substances vs. Mixtures

Worksheet

A substance is matter for which a chemical formula can be written. Elements and compounds are substances. Mixtures can be in any proportion, and the parts are not chemically bonded.

Classify the following as to whether it is a substance or a mixture by writing S or M in the space provided.



- | | | | |
|-------------------|-------|-----------------|-------|
| 1. sodium | _____ | 11. iron | _____ |
| 2. water | _____ | 12. salt water | _____ |
| 3. soil | _____ | 13. ice cream | _____ |
| 4. coffee | _____ | 14. nitrogen | _____ |
| 5. oxygen | _____ | 15. eggs | _____ |
| 6. alcohol | _____ | 16. blood | _____ |
| 7. carbon dioxide | _____ | 17. table salt | _____ |
| 8. cake batter | _____ | 18. nail polish | _____ |
| 9. air | _____ | 19. milk | _____ |
| 10. soup | _____ | 20. cola | _____ |

