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- 1a. Any substance that cannot be broken down into simpler substances.
- 1b. A compound can be broken down into two or more elements.
- 1c. A compound; it is made of two elements nitrogen and hydrogen.
- 2a. Water helps cells keep their size and shape, helps keep the temperature stable, and helps carry substances into and out of cells.
- 2b. Chemical reactions could not take place, so enzymes could not function.
- 3a. Carbohydrates, proteins, lipids, and nucleic acids.
- 3b. Proteins and nucleic acids.
- 3c. It could be a carbohydrate, but not a protein. All proteins contain nitrogen.