

● Chemistry of Living Things

Check the statements that agree with the textbook. Rewrite the other statements so they agree.

- _____ 1. The nucleus of an atom contains protons and electrons.
- _____ 2. A proton is a particle with a positive charge.
- _____ 3. An element can be broken down into simpler forms.
- _____ 4. In a molecule of water, two atoms of hydrogen share electrons.
- _____ 5. When an atom loses electrons, it is negatively charged.
- _____ 6. Ions with opposite charges are attracted to each other.
- _____ 7. Substances in a mixture lose their original properties.
- _____ 8. Blood is a suspension.
- _____ 9. Most compounds that contain carbon are organic.
- _____ 10. Proteins are made up of amino acids.
- _____ 11. DNA and RNA are carbohydrates.
- _____ 12. Lipids store and release large amounts of energy.
- _____ 13. Water is an organic compound.

Match the phrase on the left with the term on the right by writing the correct letter in each blank.

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| _____ 14. anything that has mass and takes up space | a. compound |
| _____ 15. locked in chemical bonds that hold atoms together | b. element |
| _____ 16. a substance made of only one type | c. energy |
| _____ 17. two or more elements chemically combined | d. enzyme |
| _____ 18. electrically charged atom | e. ion |
| _____ 19. protein that speeds up a chemical reaction | f. matter |
| _____ 20. the smallest part of a compound having all the properties of that compound | g. molecule |