

## ● Your Lymphatic System

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

- 1. Blood carries nutrients and oxygen to the cells.
- 2. Water and dissolved substances that move out of the blood become part of a tissue fluid found between cells.
- 3. Fluid from body tissue spaces collects in the lymphatic system and is returned to the blood.
- 4. The lymphatic system does not protect the body from invading pathogens.
- 5. The lymphatic system contains a system of lymph veins.
- 6. Lymph is tissue fluid that has moved from body tissues into the lymphatic system.
- 7. Lymph enters the lymph capillaries by osmosis.
- 8. Lymphocytes are a type of red blood cell.
- 9. A heartlike structure pumps lymph through the lymphatic system.
- 10. Lymphatic vessels have valves that prevent the backward flow of lymph.
- 11. Contractions of skeletal muscles and smooth muscles in the lymph vessels cause the movement of lymph.
- 12. After lymph enters blood, it passes through the lymph nodes.
- 13. Lymph nodes filter out foreign materials that have been engulfed by lymphocytes.
- 14. Tonsils are lymphatic organs in the back of the throat.
- 15. The thymus is the largest organ of the lymphatic system.
- 16. The HIV virus attacks and destroys a particular type of lymphocyte called helper T cells.