

Name\_\_\_\_\_ Date\_\_\_\_\_

## Making Connections With Density

1. Is your overall density (the density of your body) the same as or different from the density of water? If it is not the same, is it more or less? How do you know?
2. Think of a toy that is designed to have a density that is greater than water. Why is it designed that way?
3. Think of a toy that is designed to have a density that is less than water. Why is it designed that way?
4. How do submarines use relative density in order to work?
5. How do fish use relative density in order to move about freely in the water? What would happen if a fish always had a density less than water or greater than water?