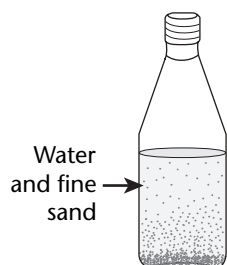


**Acids, Bases, and Solutions** ▪ 7.1 Review and Reinforce

# Understanding Solutions

**Understanding Main Ideas**

Study the three mixtures below. Identify each mixture as a solution, colloid, or suspension. Explain.



Mixture 1



Mixture 2



Mixture 3

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Answer the following questions on a separate sheet of paper.

- Compare and contrast what happens to the particles of an ionic solid and a molecular solid when each mixes with water.
- What are two ways that solutes affect the properties of solvents?

**Building Vocabulary**

From the list below, choose the term that best completes each sentence.

suspension

colloid

solute

solvent

solution

- The part of a solution that is present in the smaller amount is the \_\_\_\_\_.
- The part of a solution that is present in the larger amount is the \_\_\_\_\_.
- A(n) \_\_\_\_\_ is a mixture containing small, undissolved particles that do not settle out, but are large enough to scatter light.
- A mixture in which particles can be seen and easily separated by settling or filtration is called a(n) \_\_\_\_\_.
- A well-mixed mixture that contains a solvent and at least one solute is called a(n) \_\_\_\_\_.