

Lesson 4

ANSWER KEYS

Literacy Skill Q's

Apply Most packages of food coloring have only four bottles of food dye. How could you make different colors of icing for a cake?

Mixing two or more colors will make new colors.

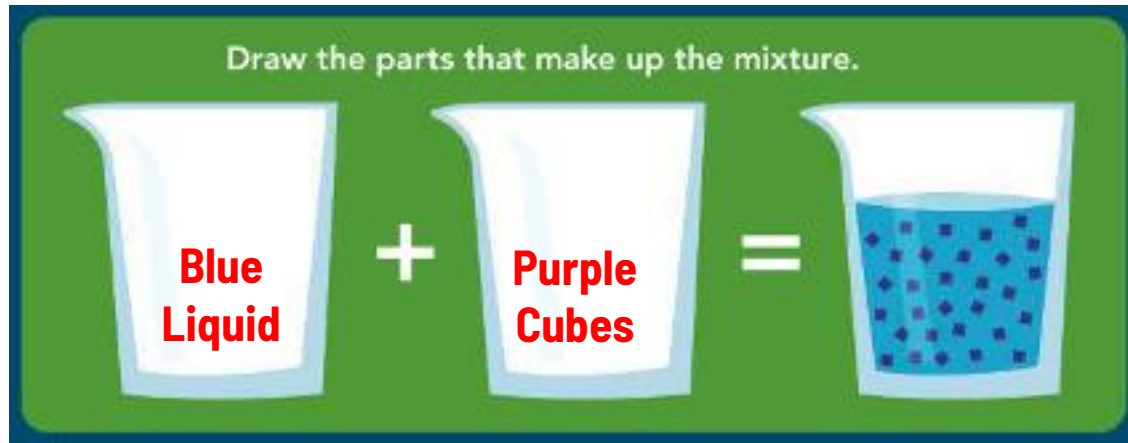
Literacy Skill Q's

water has a salty taste because salt is dissolved in the water. You can make solids dissolve in a liquid faster by **stirring or heating the solution**. **Grinding** a solid into smaller pieces will also help it dissolve faster.

Not all solutions are made by dissolving a solid in a liquid. Two liquids can make a solution. For example, vegetable oils used in cooking might be a solution of soybean oil and sunflower oil. A gas can also dissolve in a liquid. For example, water can contain dissolved oxygen and carbon dioxide gases.

 **READING CHECK** **Cite Evidence from Text** Circle the words or phrases on this page that support the explanation of how to change the speed of the dissolving process.

Literacy Skill Q's



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Infer If you separate orange juice by filtering it, is the liquid in the glass a solution? Why or why not?

The filtered orange juice is a solution. The parts that were not dissolved are no longer part of the mixture.