

What is a mixture?

Lesson Review

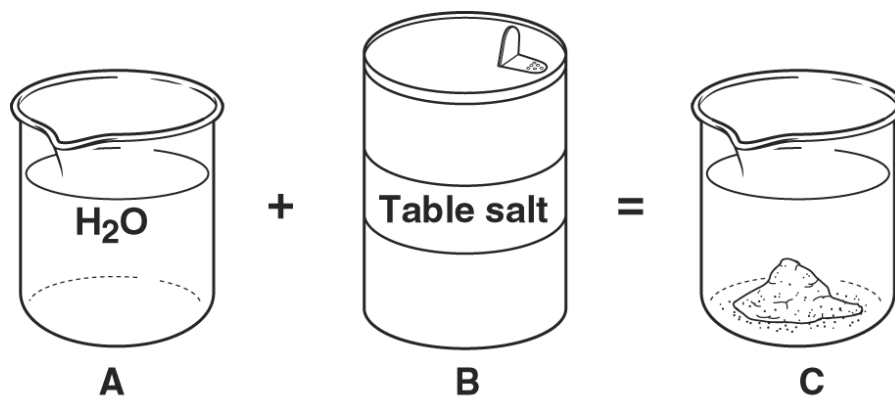
Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true. Write your answers in the spaces provided.

- _____ 1. The substances in a mixture can be separated by physical means.
- _____ 2. Salt water can be separated by evaporation.
- _____ 3. A salad is an example of a mixture that is evenly mixed.
- _____ 4. The substances in a mixture keep their own properties.
- _____ 5. A mixture of sand and water can be separated by filtering.
- _____ 6. Salt water is an example of a compound.
- _____ 7. The substances in a mixture can be present in any amount.
- _____ 8. Two or more substances that have been physically combined make up a mixture.
- _____ 9. A drop taken from the top of a mixture of salt and water will not be identical to a drop taken from the bottom of the mixture.
- _____ 10. The parts of a mixture are chemically combined.

Skill Challenge

Skills: *interpreting a diagram, synthesizing*

Study the diagram below. Use the information in the diagram to complete the statements that follow.



- Part _____ of the diagram shows a mixture.
- A compound is shown in Parts _____ of the diagram.
- Molecules of the substance shown in Part A of the diagram _____ exactly alike.
- Molecules of the substance shown in Part B _____ exactly alike.
- All of the molecules shown in Part C _____ exactly alike.
- The different molecules in Part _____ of the diagram can be separated by physical means.