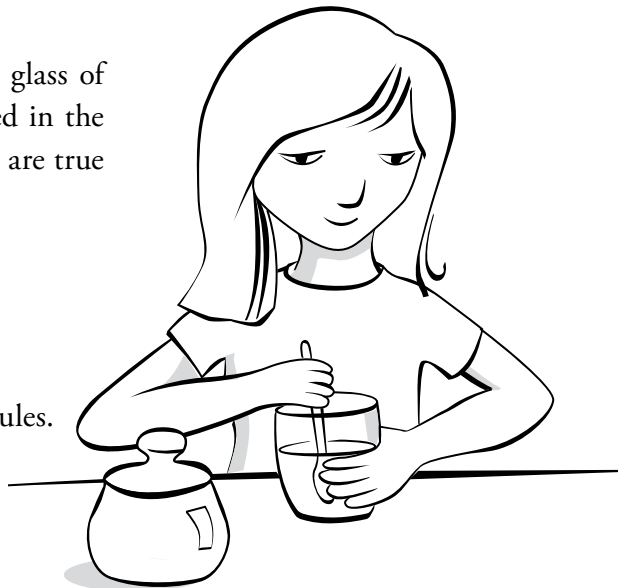


# Sugar Water

Deanna stirred a teaspoon of sugar into a glass of warm water. The sugar completely dissolved in the water. Put an X next to the statements that are true about the dissolved sugar.



- \_\_\_ **A** The sugar melts.
- \_\_\_ **B** The sugar loses mass.
- \_\_\_ **C** The sugar turns into water molecules.
- \_\_\_ **D** The sugar forms a mixture with the water.
- \_\_\_ **E** The sugar can be separated from the water.
- \_\_\_ **F** The sugar disappears and no longer exists.
- \_\_\_ **G** The sugar molecules are spread among the water molecules.
- \_\_\_ **H** The sugar breaks down into the individual atoms that make up sugar.
- \_\_\_ **I** The sugar chemically combines with the water to form a new substance.

Explain your thinking. Describe what happens to sugar when it dissolves in water.

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