

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

## Comprehension

### True or false?

Read the statements given below. If the statement is true, write "T" on the line in front of the sentence. If it is false, write "F" and circle the word or words that make it false.

1. \_\_\_\_ Soluble substances can dissolve in certain solvents.
  2. \_\_\_\_ Insoluble substances can dissolve in all solvents.
  3. \_\_\_\_ All substances are soluble in water, which is called the "universal solvent."
  4. \_\_\_\_ Table salt is insoluble in water.
  5. \_\_\_\_ Grass stains are difficult to wash out because chlorophyll is insoluble in water.
  6. \_\_\_\_ When sugar dissolves in water, water particles pull sugar particles off the sugar crystal.
  7. \_\_\_\_ Water particles are not actually water molecules.
  8. \_\_\_\_ Concentrated solutions contain a large amount of solute for a certain volume of solvent.
  9. \_\_\_\_ Dilute solutions contain a large amount of solute for a certain volume of solvent.
  10. \_\_\_\_ Solutions with high concentrations of solutes are concentrated.
  11. \_\_\_\_ Solutions with low concentrations of solutes are dilute.
  12. \_\_\_\_ You can decrease the concentration of a solution by adding more solute.
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