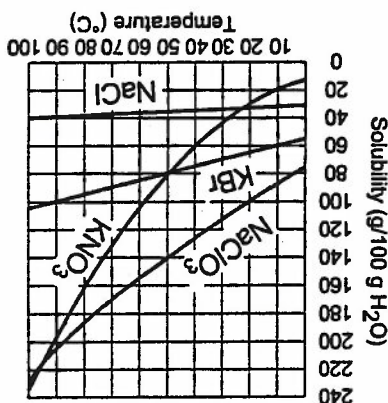


- 10. color _____
- 11. width _____
- 12. melting point _____
- 13. density _____
- 14. resistance to an acid _____
- 15. conductivity _____
- 16. luster _____
- 17. flammability _____
- 18. weight _____

Identify each property below as either a chemical property or a physical property. For each physical property, state whether it is extensive or intensive.

- 6. What is the solubility of sodium chloride at 30°C? _____
- 7. Which is more soluble at 90°C: KNO_3 or NaClO_3 ? _____
- 8. At what temperature are the solubilities of KNO_3 and KBr the same? _____
- 9. At what temperature will 200 g of NaClO_3 dissolve in 100 g of H_2O ? _____



Use the figure to answer the following questions.

- 1. A change in which the same substance remains after the change is called a chemical change. _____
- 2. Melting is a physical change. _____
- 3. Evaporating water from a saltwater solution is a chemical change. _____
- 4. A gaseous substance that forms from a solution is called a precipitate. _____
- 5. The reaction of iron with hydrochloric acid is a chemical change. _____

Write T for true and F for false. If a statement is false, change the underlined word or phrase and write your correction on the blank.

3.2 CHANGES IN PROPERTIES

STUDY GUIDE

Chapter 3