

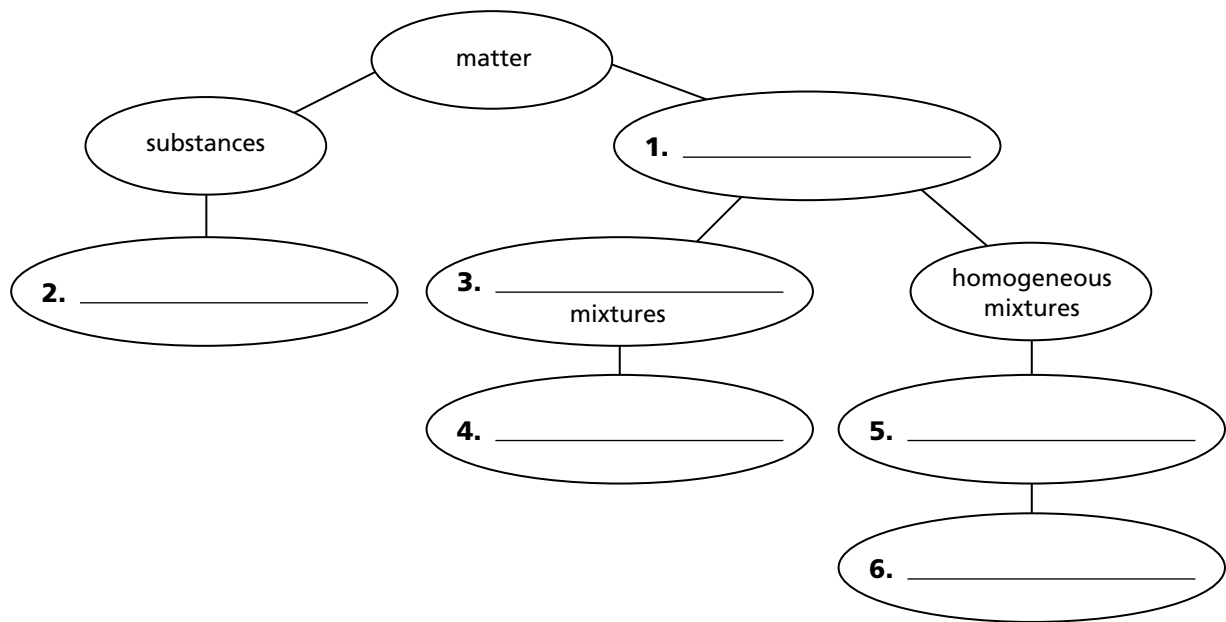
CHAPTER 3 STUDY GUIDE FOR CONTENT MASTERY

Section 3.3 Mixtures of Matter

In your textbook, read about pure substances and mixtures.

Use the words below to complete the concept map.

heterogeneous mixtures	salt–water mixture solutions	sand–water mixture water
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In your textbook, read about separating mixtures.

For each item in Column A, write the letter of the matching item in Column B.

Column A

- _____ 7. Separates substances on the basis of the boiling points of the substances
- _____ 8. Separates by formation of solid, pure particles from a solution
- _____ 9. Separates substances based on their movement through a special paper
- _____ 10. Separates solids from liquids by using a porous barrier

Column B

- a. filtration
- b. distillation
- c. crystallization
- d. chromatography