

Content Practice A

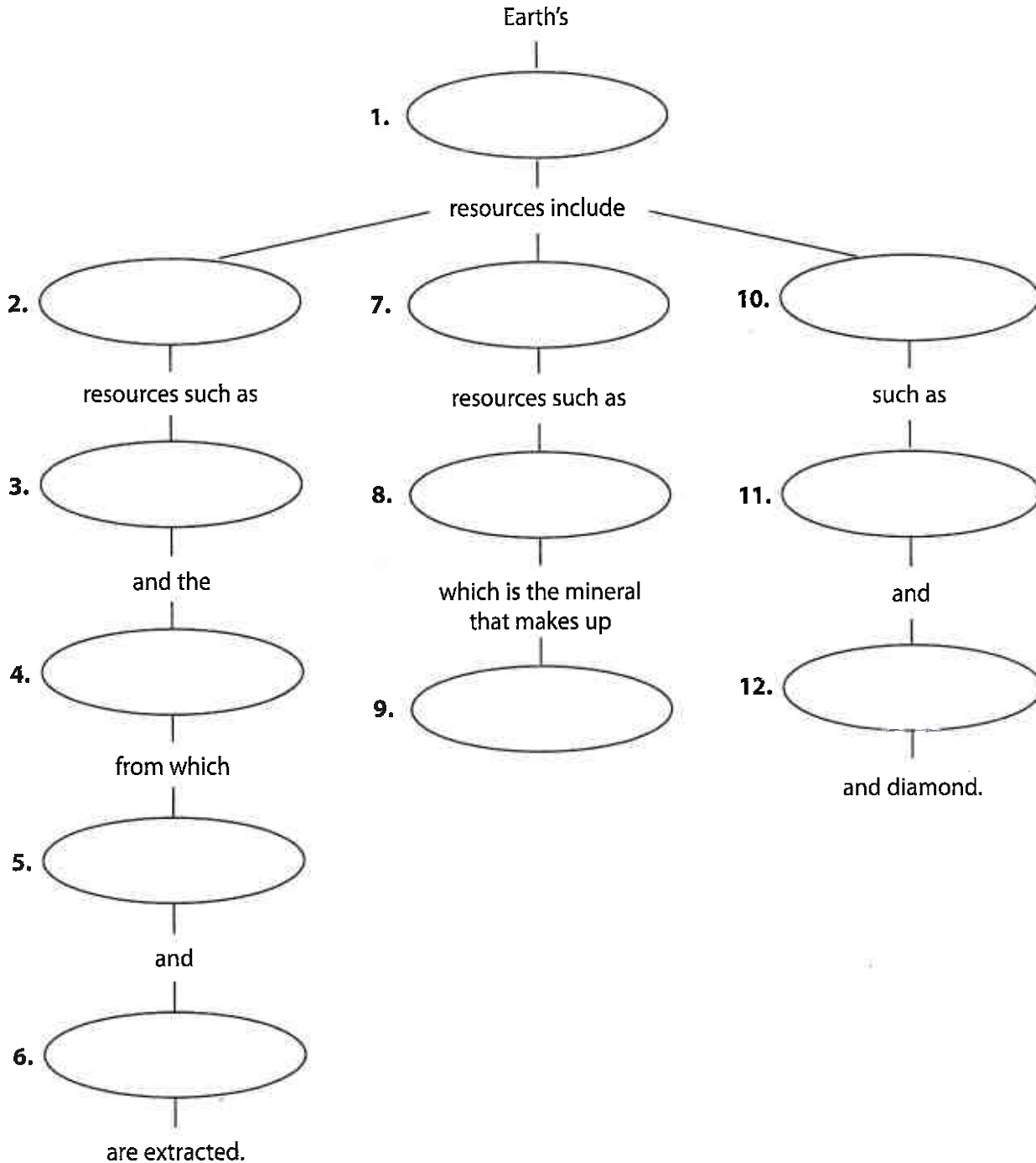
Chapter 3.3 Review

LESSON 3

Sources and Uses of Minerals

Directions: Complete this concept map by choosing terms from the word bank and writing them in the correct spaces.

- | | | | | | |
|-------------|-----------|--------|--------|----------|----------|
| aluminum | gemstones | gold | iron | metallic | mineral |
| nonmetallic | ores | quartz | rubies | sand | sapphire |



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Key Concept Builder 

LESSON 3

Sources and Uses of Minerals

Key Concept How are minerals used in your daily life?

Directions: On the line before each definition, write the letter of the mineral that would most likely be present in the item. Each term is used only once.

- | | |
|-----------------------------|--------------|
| _____ 1. fluorescent lights | A. tungsten |
| _____ 2. wires | B. lithium |
| _____ 3. lightbulbs | C. beryllium |
| _____ 4. glass ceramics | D. sulfur |
| _____ 5. concrete drywall | E. nickel |
| _____ 6. galvanized steel | F. silica |
| _____ 7. tires | G. copper |
| _____ 8. stainless steel | H. gypsum |
| _____ 9. paint pigments | I. zinc |
| _____ 10. batteries | J. clays |
| _____ 11. porcelain brick | K. aluminum |
| _____ 12. automobile | L. fluorite |

School to Home

LESSON 3

Sources and Uses of Minerals

Did you know?

Most people know that gold is used in jewelry. Very few metals make more expensive accessories. Yet gold is useful in many other fields. Gold is used in electronics to conduct electricity quickly. The Space Shuttle has gold in its shields and fuel cells. Dentists fill some cavities with gold-alloy fillings, and bakers can dust desserts with flakes of gold that are perfectly safe to eat!

Directions: Use your textbook to complete the table by providing an example and a use for each category of metal.

	Example	Use
1. Metals	a.	b.
2. Gemstones	a.	b.
3. Other nonmetals	a.	b.

Lesson Quiz A**LESSON 3****Sources and Uses of Minerals****Multiple Choice**

Directions: *On the line before each question or statement, write the letter of the correct answer.*

- _____ 1. What makes a mineral an ore?
A. It forms on Earth.
B. It can be mined at a profit.
C. It is not made in a laboratory.
- _____ 2. Iron ore is **NOT** used in
A. plumbing.
B. steelmaking.
C. automobile bodies.
- _____ 3. Aluminum is commonly used in
A. concrete.
B. soda cans.
C. nails and screws.
- _____ 4. Which properties of gold make it desirable for jewelry?
A. abundance and hardness
B. color and metallic properties
C. resistance to corrosion and good conductivity
- _____ 5. How is gypsum used in the building of a home?
A. in porcelain and bricks
B. in concrete and drywall
C. in wires and plumbing pipes
- _____ 6. Which material is a main ingredient of steel?
A. iron
B. nickel
C. aluminum
- _____ 7. Which mineral is a gemstone and an abrasive?
A. bauxite
B. titanium
C. diamond