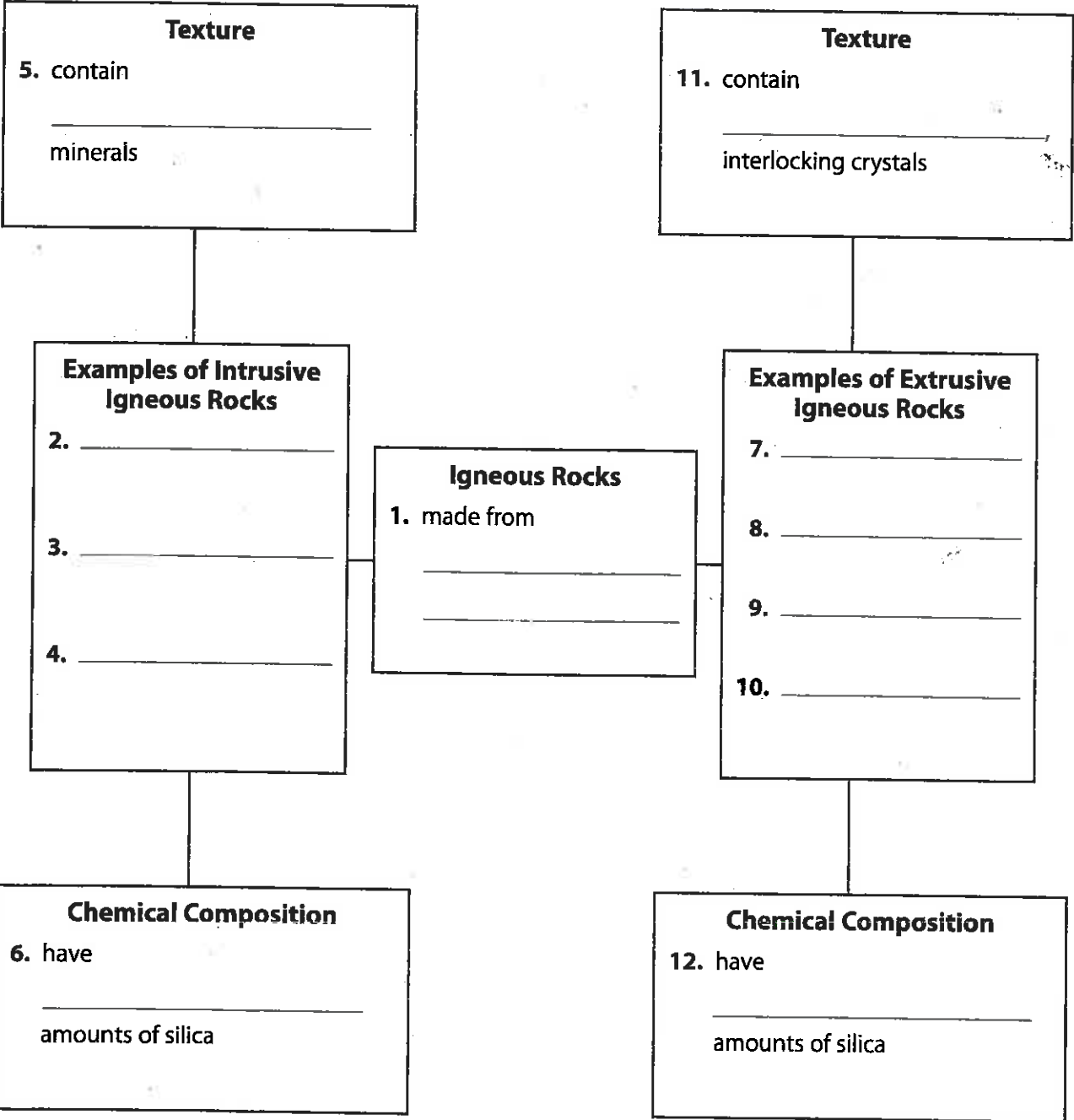


Content Practice A *Chapter 4.2 Review* **LESSON 2**

Igneous Rocks

Directions: Complete this chart by choosing terms from the word bank and writing them in the correct spaces. Each term is used only once.

- basalt diorite gabbro granite higher large
 lower molten magma pumice rhyolite small volcanic glass

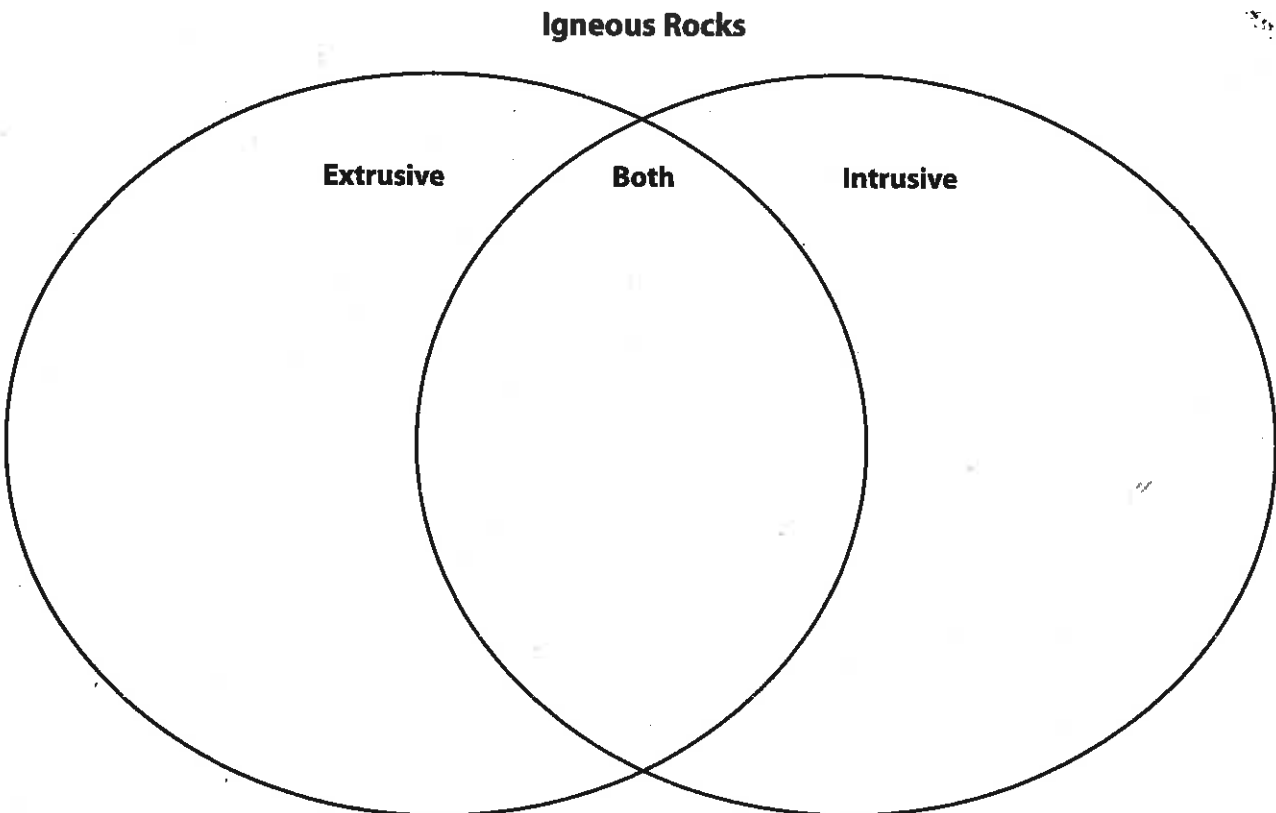


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School to Home**LESSON 2*****Igneous Rocks*****Did you know?**

The word *igneous* comes from the Greek word for "fire." Some extrusive igneous rocks form almost instantaneously because the lava can cool quickly when it is above ground. Intrusive igneous rocks might take millions of years to cool enough to become solid rock.

Complete the Venn diagram to describe how extrusive and intrusive igneous rocks are the same and how they are different.



Key Concept Builder 

LESSON 2

Igneous Rocks

Key Concept What are the common types of igneous rocks?

Directions: Put a check mark in the space that identifies the correct type of igneous rock.

Facts Used to Classify Igneous Rock	Intrusive Rock	Extrusive Rock
1. The crystals in the rock are small or impossible to see with the unaided eye.		
2. The rock has a high amount of silica.		
3. The rock appears to be fine-grained.		
4. The rock shows an interlocking texture of crystals.		
5. There might be some quartz present in the rock.		
6. The rock is darker in color.		
7. The escape of gas and rapid cooling leave holes in some rocks.		
8. The rock has a low amount of silica.		
9. The rock has a rough texture and has holes in it.		
10. The rock appears to be coarse-grained.		
11. The texture of the rock is smooth like glass.		
12. The rock is light in color.		
13. The rock is rich in silica.		
14. There are no apparent crystals.		
15. There are well-defined crystals.		

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Lesson Quiz B

LESSON 2

Igneous Rocks

Completion

Directions: On each line, write the term from the word bank that correctly completes each sentence. Some terms may be used more than once or not at all.

color composition cooling extrusive granite intrusive
 large lava magma obsidian pumice quickly
 slowly texture

1. When gas-rich lava erupts from a volcano, it can form a rock with numerous holes, such as _____.
2. _____ is a rock with a glassy texture that forms when lava cools quickly on Earth's surface.
3. Intrusive igneous rocks have _____ crystals.
4. Rapid cooling gives _____ igneous rocks a fine-grained texture.
5. _____ igneous rocks such as granite form due to slow _____ deep beneath Earth's surface.
6. When minerals are hard to identify, geologists can use _____ to determine the rock's composition.
7. The type of igneous rock that forms depends on the magma _____, where the lava or magma cools and crystallizes, and the _____ rate.