

Chapter 3 Rocks

Section 3.1 The Rock Cycle


This section explains the different types of rocks found on Earth and in the rock cycle.

Reading Strategy

1. Building Vocabulary As you read, write down the definition for each term. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook. (9pts)

Term	Definition
rock	a.
igneous rock	b.
sedimentary rock	c.
metamorphic rock	d.
rock cycle	e.
magma	f.
lava	g.
weathering	h.
sediment	i.

Rocks

2.  A(n) _____ is any solid mass of mineral or mineral-like matter that occurs naturally as part of Earth.
3. Most rocks, such as granite, occur as a solid mixture of _____.
4. Is the following sentence true or false? A characteristic of rock is that each of the component minerals retains its properties in the mixture. _____
5. Describe a few rocks that are composed of nonmineral matter.

Obsidian -- _____

Pumice -- _____

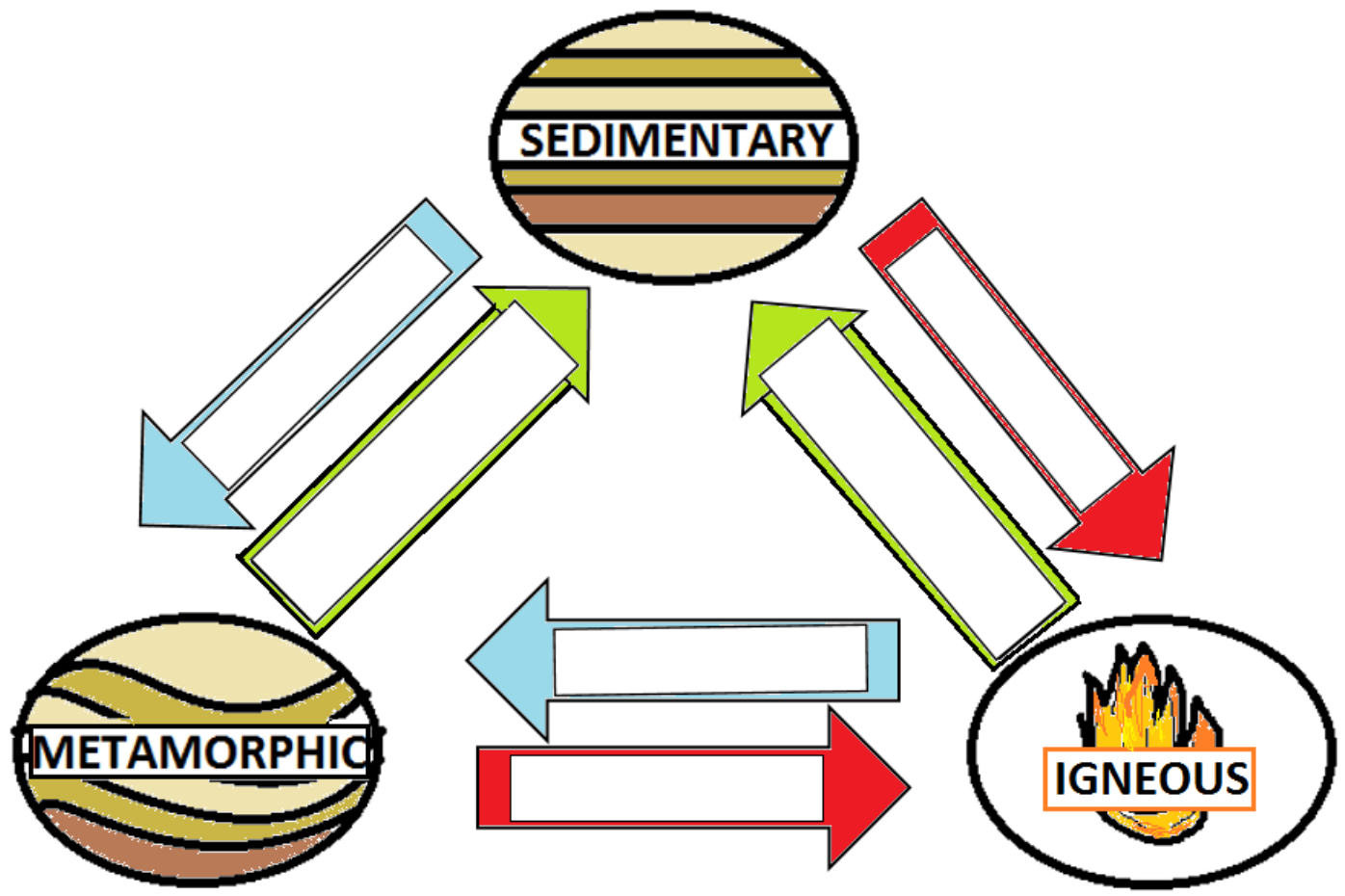
Coal -- _____

Chapter 3 Rocks

6. Circle the letters that identify a type of rock.
- a. igneous
 - b. sedimentary
 - c. metamorphic
 - d. crystalline

The Rock Cycle

7. Fill in the blanks below in the illustration of the rock cycle. (6 pts)



- 8. Can a metamorphic rock become an igneous rock? How?
- 9. Can a sedimentary rock become a metamorphic rock? How?
- 10. What 2 types of rock can become sedimentary? (2pts)
- 11. What is the first step in becoming a sedimentary rock?