Name: _____ Date: _____

Multiple Choice

Fill in the circle next to the correct answer.

1. What is a solid, inorganic natural material that has the same composition throughout?

- ○ **A** rock
- ○ **B** granite
- ○ **C** mineral
- ○ **D** limestone

2. Which of the following is a mineral?

- ○ **A** granite
- ○ **B** galena
- ○ **C** limestone
- ○ **D** pumice

3. Resistance of a mineral to being scratched has to do with what mineral property?

- ○ **A** color
- ○ **B** streak
- ○ **C** hardness
- ○ **D** cleavage

4. A mineral that breaks along rough, uneven surfaces exhibits which property?

- ○ **A** cleavage
- ○ **B** streak
- ○ **C** hardness
- ○ **D** fracture

5. Which are the three correct main groupings of rocks?

- ○ **A** intrusive, sedimentary, extrusive
- ○ **B** intrusive, chemical, extrusive
- ○ **C** igneous, sedimentary, extrusive
- ○ **D** igneous, sedimentary, metamorphic

6. What does texture relate to in a rock?

- ○ **A** whether the rock is smooth or rough
- ○ **B** the size and arrangement of mineral grains
- ○ **C** how the rock was formed
- ○ **D** the hardness of the rock

7. Into what two main groups are igneous rocks divided?

- ○ **A** intrusive, extrusive
- ○ **B** clastic, chemical
- ○ **C** foliated, non-foliated
- ○ **D** volcanic, basaltic

8. Which are the three ways sedimentary rocks are formed?

- ○ **A** intrusive, extrusive, clastic
- ○ **B** organic, intrusive, clastic
- ○ **C** clastic, organic, chemical
- ○ **D** clastic, foliated, organic

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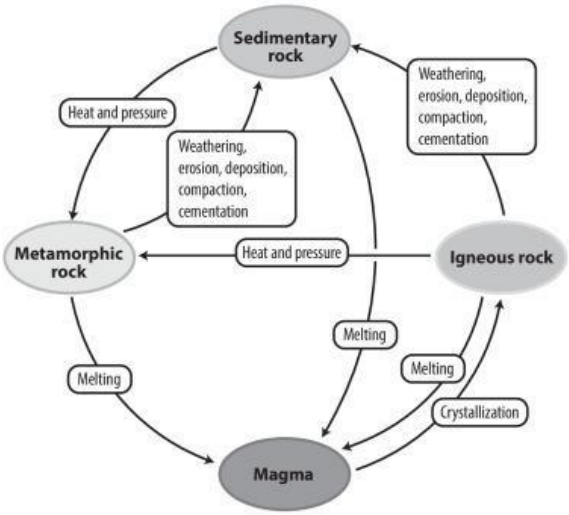
Name: _____ Date: _____

Short Response

Read each item carefully. Write your answers in the spaces provided.

The rock cycle helps explain the formation and change of rock over time.



9. Where on the diagram would volcanic eruptions be producing rock?

_____

_____

10. What part of the diagram would indicate where beach sand is made?

_____

Extended Response

Write your answers in the spaces provided.

11. What is the difference between a renewable and nonrenewable resource? Why is it important to use conservation with either of these types of resources?

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