

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       C mineral  
 B granite       D limestone
2. Which of the following is a mineral?  
 A granite       C limestone  
 B galena       D pumice
3. Resistance of a mineral to being scratched has to do with what mineral property?  
 A color       C hardness  
 B streak       D cleavage
4. A mineral that breaks along rough, uneven surfaces exhibits which property?  
 A cleavage       C hardness  
 B streak       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       C foliated, non-foliated  
 B clastic, chemical       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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## Short Response

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

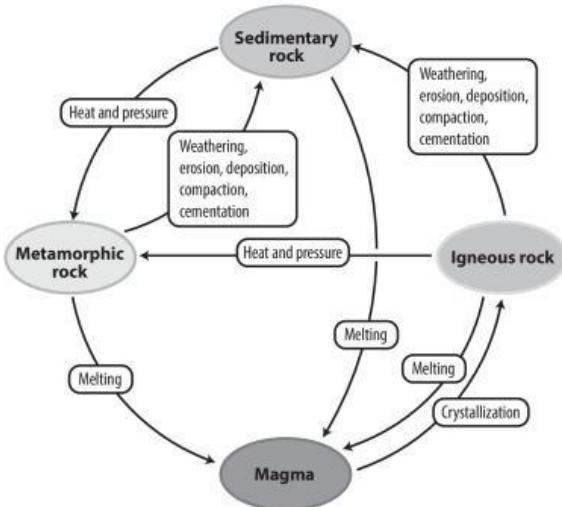
The rock cycle helps explain the formation and change of rock over time.

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

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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?