

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### **Rocks and Minerals Test Review**

1. Which of the following are nonliving Earth resources?
  - a. minerals and rocks
  - b. plants and animals
  - c. both a and b
  - d. neither a or b
  
2. What is the rock cycle?
  - a. A bike made out of rocks
  - b. A process in which one type of rock changes into another type.
  - c. A process in which wind and water break rocks into small pieces.
  - d. The steps a rock goes through as it grows crystals.
  
3. What are some important ways to describe rocks?
  - a. By their size and shape
  - b. By their color and patterns
  - c. By their hardness and texture
  - d. All the above

4. Minerals are the building blocks of rocks. Which three properties help you identify minerals?

- a. Color, luster, and hardness
- b. Color, bending, and throwing
- c. Hardness, softness, and luster
- d. All of the above
- e. None of the above

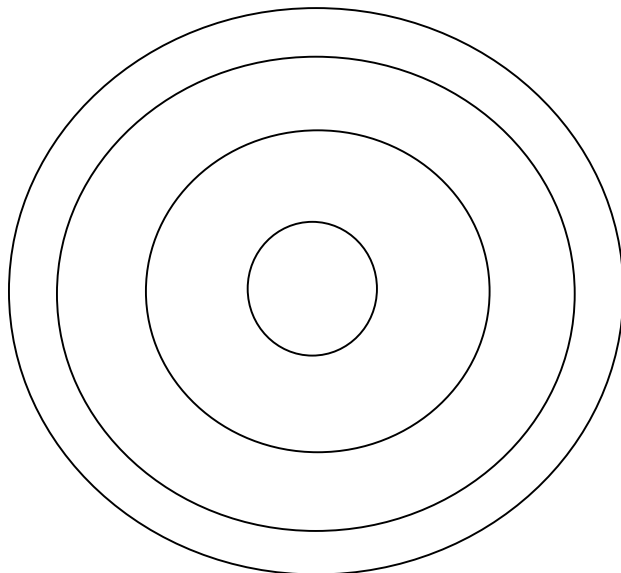
5. Is there any type of rock that cannot become another type of rock?

- a. No
- b. Yes

6. Rocks are made up of one or more\_\_\_\_\_.

- a. Stones
- b. Bugs
- c. Trees
- d. Minerals
- e. None of the above

7. Label the Layers of the Earth.



8. A Sedimentary rock can tell you the relative \_\_\_\_\_ of a rock.

- a. Age
- b. Weight
- c. Sound
- d. Feel
- e. None of the above

9. Metamorphic rocks are formed from \_\_\_\_\_ and \_\_\_\_\_.

- a. Milk and honey
- b. Heat and pressure
- c. Rocks and ice
- d. Water and ice
- e. None of the above

10. The word "igneous" means \_\_\_\_\_ made.

- a. Ice
- b. Snow
- c. Water
- d. Cheese
- e. Fire

11. Igneous rocks always form from \_\_\_\_\_ materials.

- a. Frozen
- b. School
- c. Melted
- d. None of the above
- e. All of the above

### Word Bank

translucent    geologist    metamorphic rocks    opaque    lava    crust    mantle  
sedimentary rocks    igneous rocks    magma    minerals    transparent  
streak/color    hardness    core    luster    rocks

1. Letting only some light through so that objects on the other side appear blurry. \_\_\_\_\_
2. A naturally occurring substance that is neither a plant or an animal.  
\_\_\_\_\_
3. A relatively hard naturally occurring material that is of mineral origin. \_\_\_\_\_
4. A person who studies the properties of rocks. \_\_\_\_\_
5. The center or innermost part of something. \_\_\_\_\_
6. How strong a rock is. Cannot be scratched. \_\_\_\_\_
7. Design of a rock/mineral. "What it looks like" \_\_\_\_\_
8. Molten rock that flows from a volcano or from a crack in the earth.  
\_\_\_\_\_
9. The way a mineral reflects light. \_\_\_\_\_
10. Rocks that have been formed from bits or layers of rocks cemented together.  
\_\_\_\_\_
11. Letting all light through so that object on the other side can be seen clearly.  
\_\_\_\_\_
12. Rocks formed from melted material. "fire-made" \_\_\_\_\_
13. The molten rock material under the Earth's crust that form igneous rocks when it is cooled. \_\_\_\_\_
14. The layer of rock lying below the crust. \_\_\_\_\_
15. Completely blocking light from passing through. \_\_\_\_\_
16. Solid rock that makes up the moon's and Earth's outermost layers.  
\_\_\_\_\_
17. A rock whose form has been changed by heat and/or pressure.  
\_\_\_\_\_

## **Answer Key**

1. A
2. B
3. D
4. A
5. A
6. D
7. (from outside in) crust, mantle, outer core, inner core
8. A
9. B
10. E
11. C

## Vocabulary

1. Translucent
2. Minerals
3. Rocks
4. Geologist
5. Core
6. Hardness
7. Streak/color
8. Lava
9. Luster
10. Sedimentary rocks
11. Transparent
12. Igneous rocks
13. Magma
14. Mantle
15. Opaque
16. Crust
17. Metamorphic Rocks