

Chapter 3 - ROCKS

Directions: Read pages 75- 100. Answer the following questions in COMPLETE sentences on a piece of notebook paper.



1. What are rocks made of?
2. Name 4 different minerals that are found in Granite.
3. Some people have granite countertops in their house. Granite can be very beautiful when polished, but expensive. What two minerals in granite do you think make it so pretty and sought after?
4. Texture refers to the grain size and grain type in a rock (not how it feels...most rocks feel rough). Draw and name the texture that each of the following rocks has: Granite, Slate, Breccia, Conglomerate, Gneiss and Quartzite
5. Name the 3 different major types of rock and explain how each is formed.
6. Name 3 common extrusive igneous rocks.
7. Name 3 common intrusive igneous rocks.
8. Name 3 common sedimentary rocks.
9. Name 3 common metamorphic rocks.
10. Name what you think is the most common coarse grain rock.
11. Is slate a coarse grain or fine grain rock?
12. A rock that has layers of sediment or layers of minerals is called...
13. Name two rocks that are foliated.
14. Name and briefly explain the four steps involved in creating a sedimentary rock.
15. What is the White House made of? What type of rock is it?
16. What is limestone and how does it form?
17. Draw figure 17 on page 93 but add Limestone changing into Marble on this diagram. Explain the concept that this diagram is illustrating.
18. What is the Lincoln Memorial in D.C. made of? What type of rock is it?
19. What is the rock cycle?
20. Draw figure 19 (The Rock Cycle) on page 97. Label your diagram. Color your diagram. Draw your diagram on a white paper.



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