

Rocks ▪ *Review and Reinforce*

Sedimentary Rocks

Understanding Main Ideas

The flowchart below shows a sequence of processes that form sedimentary rock. Put the processes into the correct sequence by writing their letters in the correct order in the blank.

- a. Compaction ➔ b. Erosion ➔ c. Cementation ➔ d. Deposition

1. _____

Classify each of the following sedimentary rocks by writing *Clastic, Organic, or Chemical* in the blank beside it.

- | | | | |
|-------|---|-------|--------------|
| _____ | 2. Sandstone | _____ | 6. Coal |
| _____ | 3. Limestone made from shells | _____ | 7. Breccia |
| _____ | 4. Conglomerate | _____ | 8. Rock salt |
| _____ | 5. Limestone made from precipitated calcite | _____ | 9. Shale |

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term.

- | | |
|-----------------------|--|
| ___ 10. erosion | a. small, solid pieces of material from rocks or living things |
| ___ 11. clastic rock | b. the process that presses sediments together |
| ___ 12. sediment | c. sedimentary rock that forms from remains of plants and animals |
| ___ 13. cementation | d. the process in which running water, wind, or ice loosen and carry away rock fragments |
| ___ 14. organic rock | e. the process in which dissolved minerals crystallize and glue sediments together |
| ___ 15. compaction | f. sedimentary rock that forms when rock fragments are squeezed together |
| ___ 16. chemical rock | g. the process by which sediment settles out of wind or water |
| ___ 17. deposition | h. sedimentary rock that forms when minerals dissolved in a solution crystallize |