

## Weathering and Erosion Worksheet

### Multiple Choice

Identify the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. The process of erosion occurs when
- water, ice, and wind create rock from soil and sediment.
  - tectonic plates move against each other, causing earthquakes.
  - volcanic activity occurs at areas weakened by plate movement.
  - water, ice, wind, or gravity move soil and sediment from one location to another.
- \_\_\_\_\_ 2. The movement of sediment from one place to another is called what?
- deposition
  - erosion
  - runoff
  - evaporation
- \_\_\_\_\_ 3. Weathering that does *not* alter the chemical composition of the rock is called
- chemical weathering.
  - physical weathering.
  - biological weathering.
  - acid weathering.
- \_\_\_\_\_ 4. The process in which sediment is laid down is called
- erosion.
  - deposition.
  - weathering.
  - cementation.
- \_\_\_\_\_ 5. Carbonic acid dissolved in water is a
- physical weathering agent.
  - chemical weathering agent.
  - biological weathering agent.
  - mechanical weathering agent.
- \_\_\_\_\_ 6. Rain is naturally
- slightly acidic.
  - very acidic.
  - slightly basic.
  - very basic.

### Completion

Complete each statement.

7. The process that reshapes Earth's surface by transporting soil and sediment from one location to another is called \_\_\_\_\_.

### Short Answer

8. Define erosion.
9. Describe the process of frost wedging.
10. What is chemical weathering?