#### **Content Vocabulary**

**LESSON 3** 

### Weathering, Erosion, and Deposition

**Directions:** On the line before each clue, write the letter of the term that matches it correctly. Then answer the questions that follow.

- **1.** its formation results from thousands of years of weathering
  - **2.** minerals and small pieces of rock
- **3.** processes that break down and change rock
  - **4.** removal of weathered material from one location to another
  - **5.** when plant roots break a sidewalk, for example
    - **6.** process of laying down of sediment in a new location
- **7.** when calcite dissolves in acidic rainwater, for example
- **8.** makeup of something

- **A.** chemical weathering
- **B.** composition
- C. deposition
- **D.** erosion
- **E.** physical weathering
- **F.** sediment
- **G.** soil
- **H.** weathering

**9.** Compare and contrast chemical and physical weathering.

- **10.** What are three ways erosion occurs?
- **11.** How does deposition by wind form sand dunes? Explain.

Name Date	Class	

### **Content Practice B**

**LESSON 3** 

## Weathering, Erosion, and Deposition

**Directions:** Answer each question or respond to each statement on the lines provided.

1.	How do physical and chemical weathering interact? <b>Explain</b> how this happens, using one example.
2.	How does soil form? <b>Identify</b> the three things that affect soil formation and explain how weathering helps soil form.
3.	How do erosion and deposition help change the surface of Earth?
4.	What is the erosion-deposition cycle? <b>Describe</b> the cycle and identify one example of where it takes place.
5.	Why is Earth's surface continually changing? <b>Describe</b> one example of how this happens and explain how long it might take.

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### Key Concept Builder

**LESSON 3** 

# Weathering, Erosion, and Deposition

**Key Concept** How are erosion and deposition related?

**Directions:** Complete the chart by answering each question in the space provided.

Erosion + Deposition = Changes in the Landscape						
<ul> <li>Facts about erosion by water:</li> <li>Moving water causes erosion.</li> <li>Faster water carries larger sediment.</li> <li>All water causes erosion.</li> </ul>	How is deposition by water related to erosion by water?	2. What forms?				
<ul> <li>Facts about erosion by ice:</li> <li>Glaciers move rocks and sediment.</li> <li>Glaciers smooth land surfaces.</li> <li>Glaciers form deep valleys and steep peaks.</li> </ul>	3. How is deposition by ice related to erosion by ice?	4. What forms?				
<ul><li>Facts about erosion by wind:</li><li>Winds erode sediment.</li><li>Winds carry sediment.</li><li>Winds can erode rock so it looks smooth.</li></ul>	5. How is deposition by wind related to erosion by wind?	6. What forms?				
7. How does erosion plus deposition eq	ual changes in the landscape?					