

Chapter 1 Section 3

Weathering and Erosion

Name _____

Class Period _____ Due Date _____

*Answer the following from your reading **pages 52-57** and from class discussion:*

1. Define weathering.
2. What are the two types of weathering? _____ and _____.
3. Give two examples of mechanical weathering.
4. How is chemical weathering different from mechanical weathering?
5. How does pollution contribute to chemical weathering?
6. What is erosion?
7. What are the three most common causes of erosion? _____, _____ and _____.
8. Why are weathering and erosion necessary for most plant life?
9. What happens to material at the end of the erosion process?
10. Define sediment:
11. What is the main difference between weathering and erosion?
12. Name a feature created by water erosion (land missing).
13. Name a feature created by deposits of material carried by water. (A pile of something dropped by water)
14. Name a feature created by deposits of material carried by the wind. (A pile of something dropped by the wind)
15. Name a feature created by deposits of material carried by glaciers. (A pile of something dropped by a glacier)
16. While rivers cut V-shaped valleys, glaciers carve out valleys that are rounded and _____-shaped.
17. How does erosion hurt some places and help others?

18. Find or draw a picture illustrating each of the following: **erosion**, **deposition** and **weathering**. Draw or attach the picture to this paper. Label the pictures with the force it is illustrating and describe why. (3 points each)

Example:

Erosion

Description: Water and wind carried away loose rock and soil leaving a canyon.



a. Erosion (3 points)

b. Deposition (3 points)

c. Weathering (3 points)