

Name _____

Date Due: _____

UNIT 5 PLANET EARTH

Topic 3 Erosion

1. What is erosion?

2. What is weathering?

What are the three types of weathering?

1.

2.

3.

Mechanical Weathering:

3. What is mechanical weathering?

4. Give an example of mechanical weathering.

5. Briefly describe the process of frost wedging as it applies to mechanical weathering.

6. Gravity is one agent of mechanical weathering, three other agents of mechanical weathering are _____, _____, and _____.

7. What is the difference between weathering and sedimentation in terms of erosion?

Chemical and Biological Weathering:

8. What is chemical weathering?

9. An example of chemical weathering is acid rain. What causes acid rain?

10. What is a negative result of acid rain?

11. What is biological weathering?

12. Describe an example of biological weathering.

13. How are the physical environment, and the rocks within it, related?

The Changing Surface of Earth

14. Use examples to show the difference between gradual and sudden change in terms of erosion.

15. What causes a glacier to move?

16. Explain what each of the following are, and how they are formed:

striations:

moraines:

erratics:

16. One of the forces responsible for rock and landslides is _____.

17. Describe the process of abrasion.

18. IN YOUR NOTEBOOK, make notes on "Water in Motion", explaining how water can cause sudden and slow erosion.