

Part 1.

1. What is weathering?

2. What is produced from rock by the process of weathering?

3. What is the difference between weathering and erosion?

4. What natural agents are used in erosion?

Part 2.

5. Describe what is meant by mechanical weathering.

6. Describe what is meant by chemical weathering.

Part 3.

7. In your own words, describe each of the types of mechanical weathering.

8. What is exfoliation?

Part 4.

9. What is hydrolysis? How does this aid in weathering?

10. Describe what is meant by oxidation.

11. What type of weathering is caused by modern mankind?

Part 5.

12. What type of rock is the most durable?

13. What does shale break down to when exposed to weathering?

14. What is the weak point of conglomerate rock?

Part 6.

15. Is weathering a fast process?

16. How fast do geologists estimate limestone will dissolve under wet conditions?

Part 7.

17. What is meant by the term mass movement?

18. Describe each of the four major types of mass movement.