

**Notes: Weathering, Erosion, etc.**

name: \_\_\_\_\_

1. List the three “external processes.”

\_\_\_\_\_

2. What is the difference between weathering and erosion?

Weathering \_\_\_\_\_

Erosion \_\_\_\_\_

3. How does mechanical weathering help increase the rate of chemical weathering?

4. Besides surface area, what two other factors determine how fast rock weathers?

\_\_\_\_\_

5. What is produced as granite weathers?

\_\_\_\_\_

6. What is “differential weathering”?

\_\_\_\_\_

\_\_\_\_\_

7. What is soil made of? (4 components)

\_\_\_\_\_

\_\_\_\_\_

8. What are 4 most important factors that control the formation of soil?

\_\_\_\_\_

\_\_\_\_\_

9. How is the rock material that makes up a “transported soil” different than the rock material that makes up “residual soil”?

---

---

10. What is “mass wasting”? a.k.a.



---

---

11. List the 4 types of mass wasting; a.k.a.

---

---

12. What are the controls and triggers of mass wasting?

---

---

13. Look at the diagram on page 154 (94 for honors). What is the name given to the area labeled A?

---

14. Which area on the diagram is covered by a “transported soil”? What transported it to this place?

---

15. What kind of soil would be found at D and C?

---

16. Why is the soil at D thinner than the soil at C?

---