NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_ PERIOD \_\_\_\_\_\_\_\_

LANDSCAPES ONLINE

**PART I.**

1. On the internet, go to <http://www.napscience.com> and click on the link to **student assignments**.
2. Click on the [**Landscapes**](http://regentsprep.org/Regents/earthsci/units/weathering/deposition.cfm) link.
3. Answer the following questions:

1. Earth’s landscapes are the results of the interaction of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. List three types of landscape regions

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. What do mountains have?

4. What do plateaus have?

5. What do plains have?

6. The boundaries between landscape regions are usually \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Two forces that oppose each other in landscape formation are

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. How does climate play a role in landscapes?

9. Rounded hills are associated with a (circle one: **dry** **humid**) climate.

10. What is a glacier?

11. How large can glaciers be?

**PART II**

**Click on Weathering and answer the questions below:**

12) Describe the difference between physical and chemical weathering.

13) What is frost wedging?

14) How fast does a stream have to flow in order to move a small cobble?

15) What is soil?

16) Which soil layer contains mostly living (organic) material?

**PART III**

**Click on erosion and answer the questions below:**

17) What is the driving force behind most erosion?

18) Explain “V-shaped valley” and “U-shaped valley”

**PART IV**

**Click on deposition and answer the questions below:**

19) What are the four factors that affect the rate of deposition?

20) Why do smaller particles settle slower than large particles?

21) Explain how glaciers deposit sediments.

**PART II.**

Click on “Practice” and do all 20 questions

|  |  |  |  |
| --- | --- | --- | --- |
| 1. \_\_\_ | 6) \_\_\_ | 11) \_\_\_ | 16) \_\_\_ |
| 1. \_\_\_ | 7) \_\_\_ | 12) \_\_\_ | 17) \_\_\_ |
| 1. \_\_\_ | 8) \_\_\_ | 13) \_\_\_ | 18) \_\_\_ |
| 1. \_\_\_ | 9) \_\_\_ | 14) \_\_\_ | 19) \_\_\_ |
| 1. \_\_\_ | 10) \_\_\_ | 15) \_\_\_ | 20) \_\_\_ |
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