

Chapter 10 – Vocab

Weathering – process that _____ into smaller and smaller pieces

Mechanical weathering – breakdown of rock due to _____ processes – *things like ice, wind, water, plants, gravity, and animals cause this kind of weathering*

Chemical weathering – breakdown of rocks and minerals into new _____ due to _____ – *things like acid, water, soil and air cause this kind of weathering*

Abrasion – the action of rocks and sediment _____ each other and wearing away exposed surfaces

Acid precipitation – precipitation that contains acid from _____

Oxidation – a _____ reaction in which an element combines with _____ – example: _____ is iron oxide.

Differential Weathering – process by which _____ rocks leave behind _____ rocks

Bedrock – The layer of rock beneath the _____

Parent Rock – the rock that is the source of _____

Soil – a loose mixture of _____ and _____

Topsoil – the top layer of soil which has _____ humus than other layers

Humus – the _____ parts of soil

Leaching – the process that _____

Erosion – process by which _____

Soil conservation – the methods humans use to prevent erosion and leaching

Chapter 10 – Weathering and Erosion

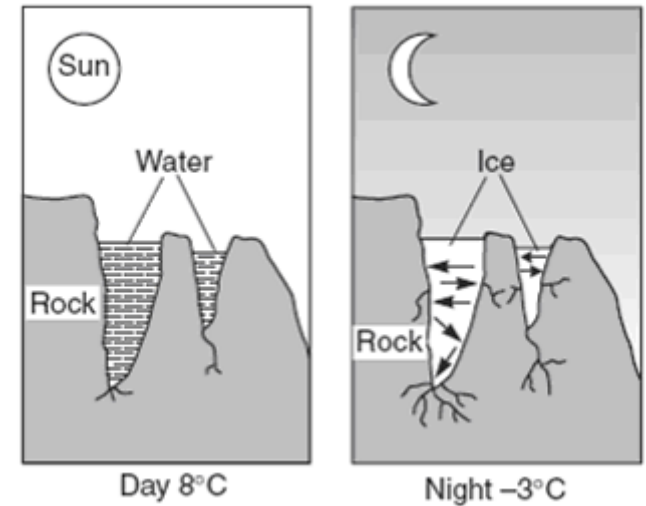
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_____-Chpt 10 QotD

_____-Picture Notes

_____-Lab Data Table

_____-Lab Questions



OYOT

Answer in complete sentences on a separate piece of paper.

Due on _____, day of Chapter 10 test

- 10.1 What is the difference between residual soil and transported soil?
- 10.2 What is ice wedging?
- 10.3 What are 3 different things that cause chemical weathering, and how?
- 10.4 What are 3 different things that cause mechanical weathering, and how?
- 10.5 What is the point of having cover crops?
- 10.6 Why do farmers rotate their crops?
- 10.7 What does contour plowing do, and why?
- 10.8 What is terracing, and why do farmers do it?
- 10.9 How does climate affect the rate of weathering?
- 10.10 Write any key notes for the test on a 5X5 index card – you may not use your notebooks for this test.