**CH. 12 Review – Weathering, Soil, and Erosion**

1. What is weathering? List the two types of weathering, define each, and list and explain the processes of each. (pg. 258-261)

*Weathering* –

1. *Mechanical* –
2. Ice and Water
3. Abrasion
4. Plants and Animals
5. Upward Expansion
6. *Chemical* –
7. Hydrolysis
8. Carbonation
9. Oxidation
10. What are **3** things that can affect the rates of weathering? Briefly explain each. (pg. 262 -263)
11. *Surface exposure* –
12. ­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -
13. *Climate* –
14. What is soil? (pg. 264)
15. What are the three layers of the soil (called soil horizons)? Describe each layer.
16. A major type of mass movement of the earth is called a **landslide**. What is a **mass movement**? What are 4 terms that geologists use to describe different types of landslides? Describe each term. (pg. 268-269)

*Mass movement –*

*Landslide* –

1. *Creep –*
2. *Slump –*
3. *Earthflows –*
4. *Mudflows* –
5. Soil is an important resource because of its ability to support plant and animal life this is known as **soil fertility**, the ability of soil to grow plants. It is important that we protect and conserve this resource. List **FIVE** ways that we can protect soil from erosion and conserve it. (pg. 271-273)
   1. *Windbreaks* –
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -
   4. *Strip Farming* –
   5. *No Till* –
6. What is **erosion**? What are some common agents of erosion? Give two examples of what erosion can do to the earth. (pg. 270)

*Erosion –*

**Agents of erosion**:

1. Wind

2 Examples:

1. What is **deposition?**