

Concept Review

Section: Weathering and Erosion

1. **Name** an example of the cause for each of the following:

_____ a. physical weathering

_____ b. chemical weathering

2. **Identify** whether physical weathering or erosion occurs in each of the following situations:

_____ a. A deep gully forms in a hillside after a rainstorm.

_____ b. A U-shaped valley is carved out as a glacier moves through the mountains.

_____ c. A rock is slowly broken apart by the force of ice thawing and refreezing.

_____ d. Sandstone is worn away by the sediment particles carried in the wind.

3. **Distinguish** between physical weathering and chemical weathering.

4. **Explain** how underground limestone caves form.

5. **Describe** how rainwater can be an agent of chemical weathering.

6. **Contrast** weathering and erosion.

