

Name \_\_\_\_\_ class \_\_\_\_\_ date \_\_\_\_\_

Unit 3 Weathering and Rock Formation Study Guide

Directions: Fill in the blanks with the best answers.

1. \_\_\_\_\_ is a rock that contains calcite so when acid is dropped on it, it fizzes due to a chemical reaction.
  
2. \_\_\_\_\_ is a process whereby rocks break down or slowly wear away due to reactions with chemicals such as carbonic acid.
  
3. \_\_\_\_\_ is the process that breaks down rock into smaller pieces over thousands of years by physical means.
  
4. \_\_\_\_\_ is the movement or transport of earth materials by wind or by water.
  
5. \_\_\_\_\_ is the repeated freezing and thawing of water within the cracks of a rock that finally over time breaks and weathers the rock.
  
6. \_\_\_\_\_ is the result of falling rocks hitting other rocks causing them to break apart.
  
7. \_\_\_\_\_ is a type of rock made of clay and silt in still water like a swamp.
  
8. \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ are the processes needed to create a sedimentary rock like sandstone.