

5. Give an example of abrasion Utah arches are sand blasted  
by wind + sand
6. When a student is shaking a container with rocks and vinegar to find out how much the rocks are weathered, what form of weathering is she using? Chemical

7. Explain why chemical weathering occurs faster in hot and wet climates rather than in cool dry ones.

Because molecules are in motion around  
hot chemicals + because water can  
carry chemical delivery to the surface

8. What does permeable mean? that water can pass through

9. The two most important factors in determining the rate at which weathering occurs are type of rock & climate

10. What gas can form carbonic acid when mixed with rain water to create Acid Rain? CO<sub>2</sub> + H<sub>2</sub>O = Carbon dioxide or  
Carbon acid

11. Which is probably the least common of all of the methods of weathering, and why?

animal, because Thousands of  
animals would have to be doing  
the same thing for a very long  
time

12. What type of rock will fizz with Acid? Why?

organic rock because it has  
carbon, carbon + Acid creates  
CO<sub>2</sub>.  
effervescent!