

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? CO₂ + H₂O = 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
CO₂.
effervescent!