

6. Which of the following does not cause abrasion

- a. wind
- b. water
- c. oxidation *chemical*
- d. gravity

DETERMINE IF THE FOLLOWING SCENARIOS DESCRIBE CHEMICAL OR MECHANICAL WEATHERING

7. As a worm moves underground, the soil and rock surrounding the worm loosens up and moves.

Circle the correct choice: CHEMICAL MECHANICAL *animal*

8. An old car got wet from sitting out in the rain for several weeks. The oxygen from the air mixed with the iron in the car, causing the car to rust.

Circle the correct choice: CHEMICAL *Oxygen* MECHANICAL

9. Stone Mountain is made of granite. Over thousands and thousands of years, the acid that naturally occurs in rain has helped to weather the sides of Stone Mountain.

Circle the correct choice: CHEMICAL *acid* MECHANICAL

10. A very old tree has large roots that have grown under the surface of the earth. These roots move the soil and rock that are under the surface of the earth.

Circle the correct choice: CHEMICAL MECHANICAL *roots / plants*

11. On the lines provided, write a step by step description of ICE WEDGING process

- #1: The rock starts off with a small crack
 - #2: water then fills that crack.
 - #3: Over time that water freezes
 - #4: since the ice is stuck only thing to do is to use force
 - #5: the ice creates enough forces to break the rock, THEREFOR it is mechanical.
- 5 steps ↑