COMMON ASSESSMENT #1

Competency Goal 3: Geology

1. The Adirondack Mountains were formed when blocks of Earth’s crust were pushed up by forces inside Earth. What type of mountains are the Adirondack Mountains?
2. Folded mountains
3. Upwarped mountains
4. Fault-block mountains
5. Volcanic mountains
6. Wind, water, and ice remove soil, sediment, and loose rock fragments from the landscape. After these materials are transported to other areas, they settle to the ground in a process called \_\_\_\_\_\_\_\_.
7. Erosion
8. Deposition
9. Precipitation
10. Weathering
11. When tectonic plates move, they place a lot of stress on rocks, sometimes causing them to break. Why are earthquakes caused by rocks breaking?
12. The tectonic plates keep moving
13. The ground sinks in between the tectonic plates
14. The tectonic plates create strong surface waves
15. The breaking rocks produce vibrations
16. Seismologists can locate an earthquake’s \_\_\_ based on the different speeds of seismic waves.
17. Fault
18. Epicenter
19. Topography
20. Surface wave

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CIRCLE THE BEST ANSWER FOR EACH QUESTION.

1. One way people increase erosion is by \_\_\_\_\_.
2. Installing drains
3. Removing plants
4. Planting grass
5. Building walls
6. Soil is formed when rock is weathered chemically or mechanically. The source of soil is known as \_\_\_\_\_.
7. Parent rock
8. Child rock
9. Sibling rock
10. Abraded rock
11. Which is an agent of chemical weathering?
12. Burrowing animals
13. Carbonic acid
14. Ice wedging
15. Growing tree roots
16. Which describes a fault?
17. The point inside Earth where movement first occurs during an earthquake.
18. The point on Earth’s surface located directly above the earthquake focus.
19. The surface of a break in rock along which there is movement.
20. The surface of a rock that has forces acting on it.