Rock Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_

MULTIPLE CHOICE

\_\_\_1. Magma that cools below Earth’s surface forms \_\_\_\_\_rocks.

1. extrusive metamorphic c. intrusive metamorphic
2. extrusive Igneous d. intrusive igneous

\_\_\_2. The processes involved in the rock cycle include all of the following except \_\_\_\_\_\_\_\_.

1. condensation b. erosion c. weathering d. compaction

\_\_\_3. Foliated rocks are distinguished by \_\_\_\_\_.

1. large pores b. lines or bands c. mineral grains d. different sediments

\_\_\_4. Lava that cools quickly on Earth’s surface forms \_\_\_\_rocks.

1. extrusive metamorphic c. extrusive igneous

b. intrusive sedimentary d. intrusive igneous

\_\_\_5. Metamorphic rocks form from all of the following except:

1. heat b. pressure c. erosion d. acids

\_\_\_6. Quartz is a mineral, granite is \_\_\_\_\_\_.

1. also a mineral b. a rock c. glass d. liquid

\_\_\_7. A classification of metamorphic rocks would include which of the following:

1. intrusive vs. extrusive b. foliated vs. non-foliated c. clastic vs. organic d. mineral vs. rock

\_\_\_8. Sedimentary rocks are \_\_\_\_\_\_.

1. formed below Earth’s surface from magma c. formed from great heat and pressure
2. a type of foliated metamorphic rock d. formed from pieces of rock/dirt squished together

\_\_\_9. Metamorphic rocks with line or bands in them are considered:

1. organic b. intrusive c. foliated d. non-foliated

\_\_\_10. Flood water picking up huge rocks and tons of dirt and carrying them away is an example of:

1. cementation b. erosion c. deposition d. compaction

\_\_\_11. The big island of Hawaii grows about 2 feet bigger every day, this is an example of:

1. constructive forces b. melting c. destructive forces d. compaction

\_\_\_12. Which of the following landform is caused from DEPOSTION:

1. V Shaped valleys b. meander erosion c. U shaped valleys d. alluvial Fans

\_\_\_13. The Grand Canyon has formed from water eroding its rock layers, this is an example of:

1. destructive forces b. crystallization c. constructive forces d. melting

14. In this meandering stream: put E’s where EROSION is happening and D’s where DEPOSITION is happening:

|  |
| --- |
| Column II |
| 1. Metamorphic rocks 2. Rock cycle 3. Sedimentary rocks 4. Cementation 5. Extrusive 6. Intrusive 7. Sediments 8. Igneous rocks 9. Compaction 10. Foliated 11. Lava 12. Non-foliated 13. Deposition 14. Erosion 15. Ocean 16. Organic 17. Clastic | |

MATCHING…

\_\_\_1. Rocks formed by changes in heat and pressure

or by toxic acids

\_\_\_2. Rocks formed from molten rock

\_\_\_3. Rocks formed from sediments

\_\_\_4. Igneous rocks that cooled quickly

\_\_\_5. Metamorphic rocks with lines or bands

\_\_\_6. Process by which sediments are squished together

\_\_\_7. Metamorphic rocks with no lines

\_\_\_8. Process by which sediments dry out and harden

\_\_\_9. When sediments used to be living (fossils, shells, plants)

\_\_\_10. Bits of weathered rock, plant material, bones, dirt

\_\_\_11. Process that drops and leaves sediments behind

\_\_\_12. Magma that has reached Earth’s surface

\_\_\_13. Model that illustrates the process that change rocks

\_\_\_14. Process that moves or washes sediments away

\_\_\_15. When sediments are non-living (sand, mud, rocks)

\_\_\_16. Igneous rocks with LARGE crystals

\_\_\_17. Body of water that sedimentary rocks around

Hastings formed in.

What landforms are constructive and what does that word mean?

What landforms are destructive, what does that mean?

How is WEATHERING different from EROSION?

What are examples of chemical weathering?

How about physical weathering?

Which of these weathering have you ever observed in the world??? Write where you saw them too.

Which landforms come from Glaciers???

a.

b.

Which landforms come from Rivers? (more than two!)

Why do some igneous rocks have no crystals and some have big beautiful ones?? They both come from liquid rock…… so…..

Explain the story of how we got a piece of schist in class….Start with the Blob of Magma, don’t forget any of the steps!!!!

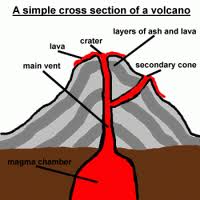
Draw a series of four pictures showing the steps to form a Sedimentary Rocks:

1.

2.

3.

4.

What type of rock

Would form in

This area of the

Picture. m