Rock Cycle Activity Answers

1. When metamorphic rock and igneous rock are melted they become _____.

   a. sediment b. lava **c. magma**

2. Sediment becomes sedimentary rock when it undergoes _____ and _____.

   a. heat and pressure **b. compacting, cementing** c. weathering and erosion

3. When magma _____ it becomes igneous rock.

   a. cools b. melts c. erodes

4. Weathering and erosion create _____.

   a. magma **b. sediment** c. metamorphic rock

5. Sedimentary rock and igneous rock subjected to _____ and _____ become metamorphic rock.

   a. compacting and cementing b. weathering and erosion **c. heat and pressure**

6. _____ rock and _____ rock subjected to heat and pressure become metamorphic rock.

   a. sedimentary, igneous b. sedimentary, metamorphic c. igneous, metamorphic

7. Metamorphic rock, sedimentary rock, and igneous rock subjected to _____ and _____ become sediment.

   a. heat and pressure b. compacting and cementing **c. weathering and erosion**

8. Compacting and cementing create _____.

   a. sedimentary rock b. igneous rock c. metamorphic rock

9. _____ and _____ create metamorphic rock.

   a. compacting and cementing **b. heat and pressure** c. weathering and erosion

10. Cooling creates and melting destroys _____.
    a. sedimentary rock b. metamorphic rock **c. igneous rock**

11. Heat and pressure create, and melting, weathering, and erosion destroy _____.

    a. igneous rock **b. metamorphic rock** c. sedimentary rock

12. The rock cycle describes how rocks are _____ and _____.

    a. created, destroyed b. lifted, dropped c. piled, rolled