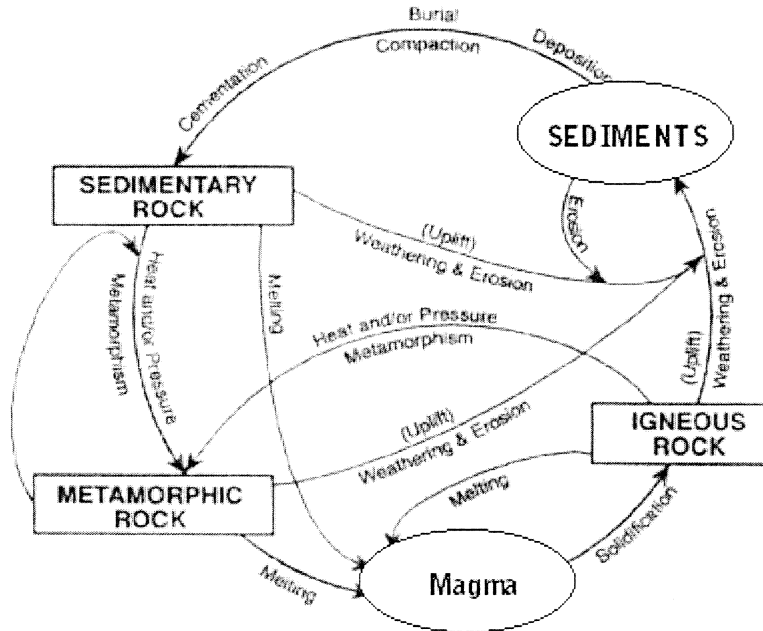


Name: \_\_\_\_\_

Period: \_\_\_\_\_

### Rock Cycle in Earth's Crust *use ESRT*



1. As magma cools, it forms \_\_\_\_\_ rock by the process of \_\_\_\_\_.
2. Igneous rocks can form \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ rocks.
3. Sediments form \_\_\_\_\_ by the process of \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.
4. Sediments form from the process of \_\_\_\_\_.
5. Sedimentary rocks can form \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ rocks.
6. Which process changes igneous rock into metamorphic rock?
7. Which process changes sedimentary rock into igneous rock?
8. Which process changes metamorphic rock into sedimentary rock?

9. Metamorphism involves the addition of \_\_\_\_\_ and \_\_\_\_\_ to pre-existing rocks.
10. Compaction & cementation of sediments forms \_\_\_\_\_ rocks.
11. Subjecting sedimentary rocks to extreme heat & pressure forms \_\_\_\_\_ rocks.
12. Solidification of molten materials forms \_\_\_\_\_ rocks.
13. Deposition and burial of sediments forms \_\_\_\_\_ rocks.
14. Deposited sediments may be particles of which types of rock?
15. Heat & Pressure acting on igneous rocks forms \_\_\_\_\_ .
16. Solid magma forms \_\_\_\_\_ .
17. In order to form magma, what must happen to sedimentary, metamorphic or igneous rocks?
  
18. For weathering & erosion to occur, what process will the rock usually go through first or at the same time?
  
19. Can sedimentary rock form directly from metamorphic rock?  
Explain your answer.