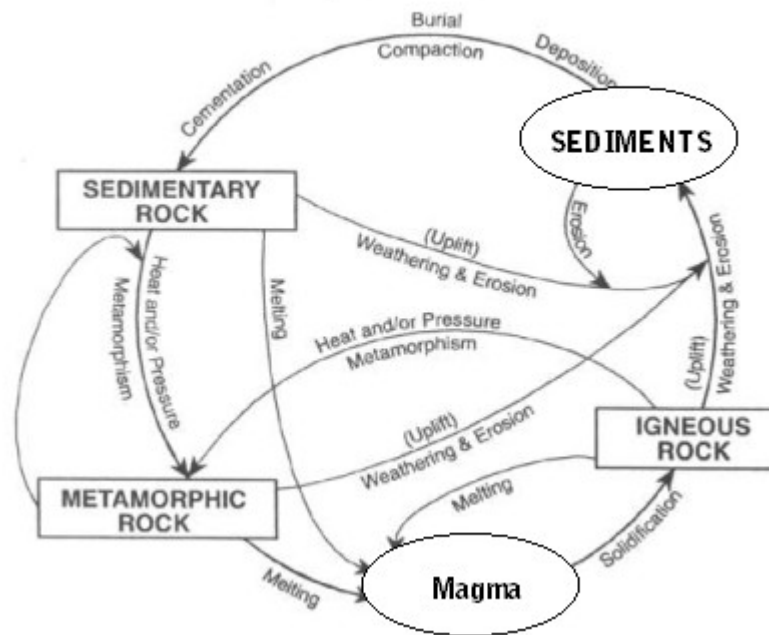


### Rock Cycle in Earth's Crust



- As magma cools, it forms \_\_\_\_\_ rock by the process of \_\_\_\_\_.
- Igneous rocks can form \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ rocks.
- Sediments form \_\_\_\_\_ by the process of \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.
- Sediments form from the process of \_\_\_\_\_.
- Sedimentary rocks can form \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ rocks.
- Which process changes igneous rock into metamorphic rock?
- 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.