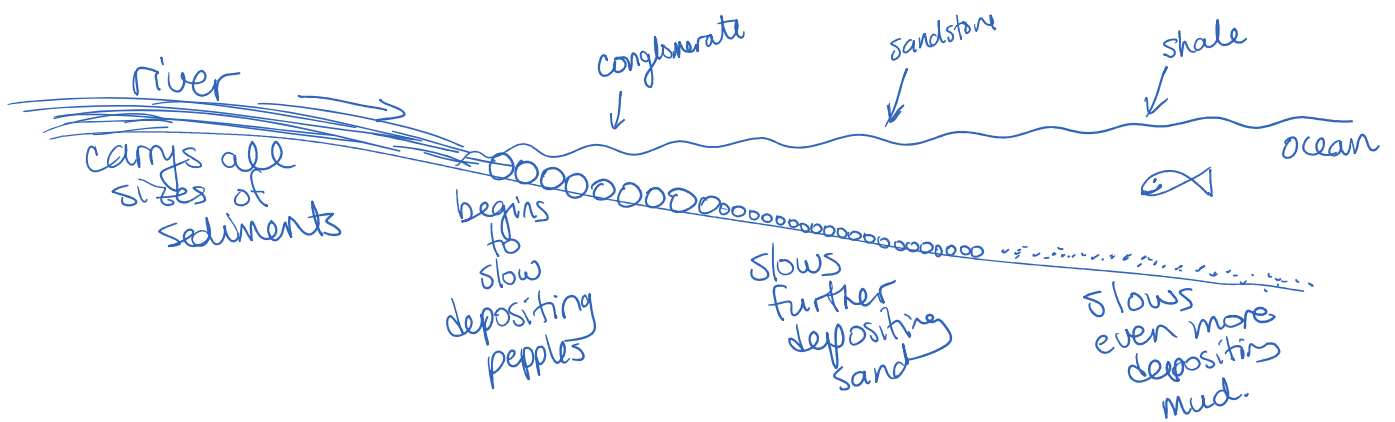


### 3 Types

Clastic - pieces are glued together  
- named for the size of those pieces

ex  
shale / siltstone → mud-sized sediments  
sandstone → sand-sized sediments  
conglomerate → pebbles or larger



Chemical - precipitated out of solution and/or water is evaporated away.

ex  
limestone - calcite precipitated ← fizzes in acid  
Dolomite - has some calcite, its powder will fizz  
Chert - silica (quartz) precipitated

Organic - life involved in rock's formation

ex  
chert - if it has silica shells glued together  
limestone - if it has clam fossils, etc  
(fossiliferous limestone)

"lithification" - the process by which sediments become

- rocks
- \* sediments, compaction, cementation
  - \* evaporation → halite, gypsum
  - \* precipitation out of solution.