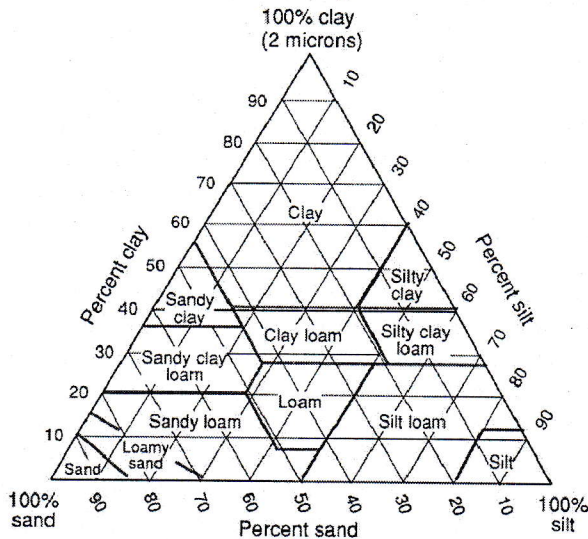


The Rock Cycle and Soil

1. Rock Cycle – Draw a picture of the rock cycle that includes the following terms. **Sedimentary Rocks, Metamorphic Rocks, Igneous Rocks, Heat and Pressure, Weathering, Sediments, Compaction and Cementation, Melting, and Lava**

2. Soil Texture – Use the diagram below to answer the questions on the right of the diagram.



1. 50% clay, 30% silt, 20% sand
2. 10% clay, 40% silt, 50% sand
3. 30% clay, 50% silt, 20% sand
4. 20% clay, 20% silt, 60% sand
5. 0% clay, 50% silt, 50% sand
6. How much silt do you have if there is 40% clay and 30% sand?
7. How much clay do you have if there is 10% silt and 60% sand?
8. What is the percent composition of Silty Clay?

2. Factors that Influence Soil Formation – Complete the table below. Plus, how is Soil formed?

Factor in Soil Formation	Description	How much influence does it have?
Parent Material		
Time		
Climate		
Organisms		
Slope		