Soil Texture Chart Worksheet

Using the above diagram, answer the following – all number are in percentages (%’s)

|  |  |
| --- | --- |
| 1. 30 sand, 30 clay, 40 silt\_\_\_\_\_\_\_\_\_\_
2. 40 sand, 20 clay, 40 silt\_\_\_\_\_\_\_\_\_\_
3. 70 sand, 10 clay, 20 silt \_\_\_\_\_\_\_\_\_\_
4. 20 clay, 40 sand, 40 silt\_\_\_\_\_\_\_\_\_\_
5. 10 silt, 60 sand 30 clay \_\_\_\_\_\_\_\_\_\_
6. 90 silt, 10 sand \_\_\_\_\_\_\_\_\_\_
7. 50 clay, 20 silt, 30 sand\_\_\_\_\_\_\_\_\_\_
8. 60 sand, 10 clay, 30 silt\_\_\_\_\_\_\_\_\_\_
9. 20 sand, 10 clay, 70 silt\_\_\_\_\_\_\_\_\_\_
10. 40 clay, 50 sand, 10 silt\_\_\_\_\_\_\_\_\_\_
 |  For the soils types below, give the percentages 1. Loam \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Silty Clay\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Sandy Loam\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Clay\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Silty Clay Loam\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Sandy Clay Loam\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Clay Loam\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Sandy Loam\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |

Using the text *This Earth* - Read p. 43 – 46. The Earth’s Four spheres.

Copy into your notes AND label FIG, 1.4.3 in the space above.

Summarise the following – what is it? How do it work?

Atmosphere

Geosphere

Hydrosphere

Biosphere

The Interaction Among the Spheres

**Answer in your notes Q’s 1-2 on p. 44 and Q’s 1-2 on pg. 46 of *This Earth***