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***