Soil can hold water

Water = Wet and - Dry and

Dry soil = Dry

Dry Soil = Dry

Dish

Water (%) = Water

Holding (%) = DrySoil ×100

1

Imagine that you collected a soil sample from Cheldelin Middle School. You found the mass of an empty Petri dish (46.2 g). Then you put the soil sample into the Petri dish and found the mass of the dish plus the soil (141.2 g). Finally, you dry the soil sample for 48 hours and find the mass again (98.3 g). What is the water content of the soil?

Water =
$$|4|2 - 983 = 42.99$$

DySoil = $983 - 46.2 = 52.19$
Water (%) = $\frac{42.1}{52.1} = 82.3\%$

You have just finished collecting a soil sample from a nearby field and you want to find the water holding capacity. You find the mass of an empty Petri dish (30 g). You put some of the wet soil you collected into the Petri dish and find the mass (150 g). After letting your sample dry for two day you find the mass of the dry soil in the Petri dish (80 g). What is the water holding capacity of the soil sample?

Natur = 150-80 = 709 Soil = 80-30 = 509 /70/50) x 100 = 140% You decide to collect a soil sample near the river. You find the mass of an empty Petri dish (30 g). You put some of the wet soil you collected into the Petri dish and find the mass (100 g). After letting your sample dry for two day you find the mass of the dry soil in the Petri dish (90 g). What is the water holding capacity of the soil sample?

Water =
$$100 - 70 = 100$$

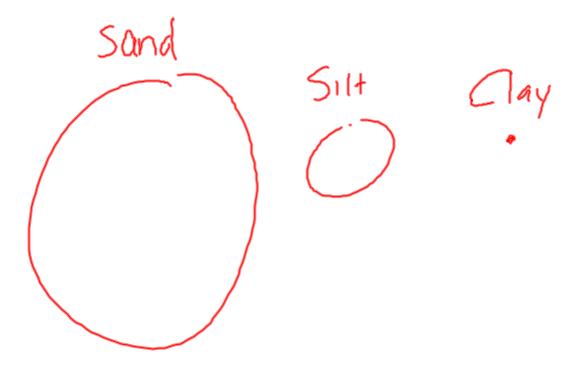
 $D_{yy} = 90 - 30 = 600$
Water = $\frac{10}{60} \times 100 = 17\%$

Someone bring you an unknown soil sample. You find the mass of an empty Petri dish (30 g). You put some of the wet soil you collected into the Petri dish and find the mass (190 g). After letting your sample dry for two day you find the mass of the dry soil in the Petri dish (165 g). What is the water holding capacity of the soil sample?

Soil
-ecosystem
-changing from
Strological Roles
What ADES It do?

ORecycles = waste Arbris -> nutrients
O Habitat - diverse ecosystem
OPlants - supports plant nots
OWater - hold water, purify water
OBuilding/Structure - solid ground
OBuilding/Structure - solid ground

Soll Organic AIX WATER Mineral Matter Sand Silt Clay



Fine Texture (Silts + (ky))
-absorb water

Grainy Textured Soil (Sand)
-water flows through

Loam- Ideal mix sand, SIH + (lay)
most soils
plants-sorss

A-100

QUESTION: What is the name of this soil organism?



Answer

Question



A-400

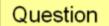
QUESTION: What is the name of this



-segmented -2 legs/seg









A-500

QUESTION: What is the name of this soil organism?

