

Evaluation

Directions: Match the definition on the left with the term on the right.

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| b | 1. Relative percentages of sand, silt, and clay in the soil | a. Fine Earth |
| f | 2. Inability of a soil to store enough water to meet plant requirements | b. Texture |
| h | 3. The total amount of pore space in a soil | c. Cobblestone |
| j | 4. Portion of soil not occupied by solid material but which is filled with water or air | d. Sand |
| d | 5. Largest of the soil separates, between 0.05 and 2.00 mm in diameter | e. Coarse fragment |
| i | 6. Medium-sized soil separate, particles between 0.05 and 0.002 mm in diameter | f. Droughty |
| g | 7. The class of smallest soil particles, smaller than 0.002 mm in diameter | g. Clay |
| e | 8. Individual particles that are larger than 2 mm in diameter | h. Porosity |
| c | 9. A coarse fragment, or piece of rock in the soil, which is between 3 and 10 inches in size | i. Silt |
| a | 10. All particles smaller than 2 mm in diameter | j. Pore space |

11. Use the soil triangle to determine the correct name for the texture of a soil sample that is 40% sand, 15% clay, and 45% silt.

The soil is a _____.
Correct answer is loam.

