

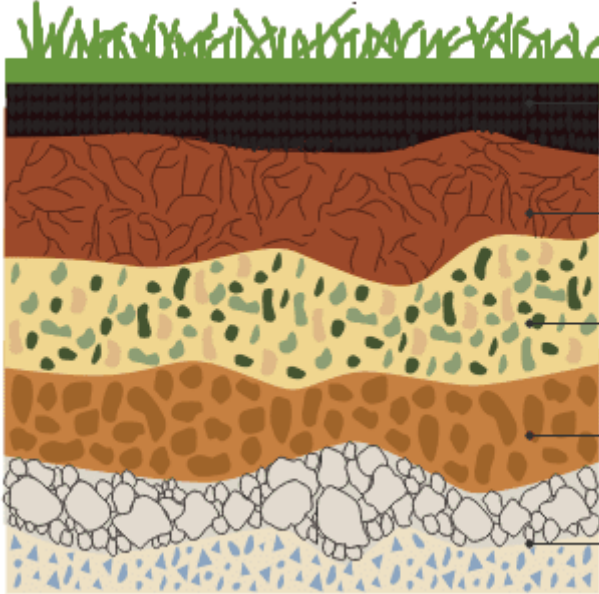
Name _____

Date _____

SOIL LAYERS

1. QUESTIONS

Label the layers in a soil within the earth.



2. QUESTION

Complete the following sentences concerning the various types of layers.

The _____ layer has dead plants and animal organisms that are slowly decomposing.

A mass of rock such as granite, basalt, quartz, limestone or sandstone forms the _____ layer..

.The _____ layer has roots and other living organisms, materials leached by water from the upper layers, clay, rock fragments, and minerals.

The _____ layer has humus, organic matter, roots, worms, insects, and other living organism, small rock and mineral fragments. It is dark in colour The _____ layer comprises of materials leached by water from the upper layer and partly weathered rock fragments. It is somewhat orange and yellow in colour.

Name _____

Date _____

3. QUESTION

Match

SORT ELEMENTS- Surface layer Parent material Subsoil Topsoil

Which soil layer contains the most humus?	
How far into the soil does the plant's roots extend?	
Which layer does the worms and insects break down organic matter into soil?	
Where does solid rock get weathered?	

2. What is the name of the process whereby water carries materials from the upper to the lower horizons or layers?

☐ decomposing

☐ leaching

☐ weathering