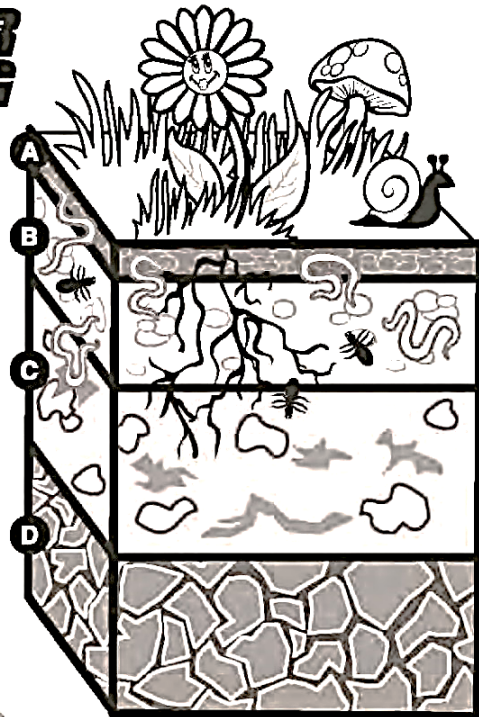


# SOIL LAYER MATCHING

Label each soil layer correctly.

- \_\_\_\_\_ **BEDROCK**  
A layer of dense rocks that no plants or animals penetrate.
- \_\_\_\_\_ **SUBSOIL**  
Less humus but rich in minerals.
- \_\_\_\_\_ **TOPSOIL**  
Rich in humus and ideal for growing plants.
- \_\_\_\_\_ **PARENT MATERIAL**  
Composed of weathered rocks with little plants or animals on this level.



# SOIL FACT OR FICTION

Read each statement and determine if it is Soil FACT or FICTION!

circle the correct answer

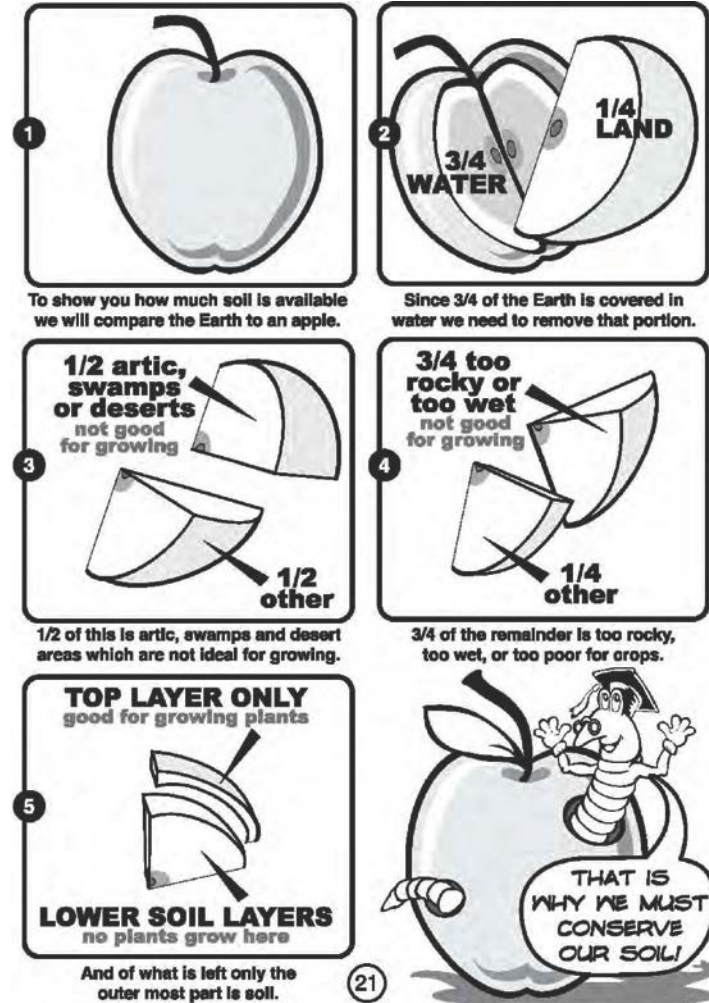
- 1 Five to ten tons of animal life can be found in an acre of soil. **FACT OR FICTION**
- 2 Clay, silt and sand are three types of minerals. Most soils have a blend of all three of these. **FACT OR FICTION**
- 3 It is impossible to stop soil erosion. **FACT OR FICTION**
- 4 It can take up to 1,000 years to form one inch of soil. **FACT OR FICTION**
- 5 One shovel full of soil has more living organisms in it than there are people on the Earth. **FACT OR FICTION**

Source: USDA Natural Resources Conservation Service and artwork adapted from the Eri Basin Resource Conservation and Development

On planet Earth, all living things depend on the soil.

How much soil is there for growing food?

Imagine the Earth as an apple.



When this apple section is peeled, the small slice represents the topsoil on which the food is grown that must feed all the people on earth.

What fraction of the earth's surface is that? \_\_\_\_\_

Source: USDA Natural Resources Conservation Service and artwork adapted from the Eri Basin Resource Conservation and Development