

Name:

Soil Horizons and Profiles Practice Worksheet

1. All climate regions develop soil, and all regions develop the same horizons.
 - a. TRUE
 - b. FALSE

2. Weathering caused by ice wedging and other physical processes causes bedrock to fracture.
 - a. TRUE
 - b. FALSE

3. Soil horizons are very consistent across the world; most places will have the same number of layers with similar composition.
- TRUE
 - FALSE
4. What can cause chemical weathering?
- Oxygen
 - Carbon dioxide
 - Water
 - All of the above
5. Which of the following correctly orders the different soil horizons from the surface down to the deepest layer?
- O-C-B-A
 - C-A-B-O
 - A-B-C-O
 - O-A-B-C
6. The A-horizon is a layer of partially altered bedrock.
- TRUE
 - FALSE
7. A layer of soil with a different appearance and composition than layers underneath is called a ____.
- Horizon
 - Fissure
 - Deposition
 - Depression
8. The B-horizon layer is lighter brown and holds more water than the topsoil because of the presence of ____.
- Aluminium and sand
 - Clay
 - Iron and clay
 - Sand
9. Which soil horizon is most important for growing crops?
- B horizon; Subsoil
 - A horizon; topsoil
 - O horizon
 - C horizon

10. Topsoil has the lowest proportion of organic material and is not useful for agriculture.

- a. TRUE
- b. FALSE

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