

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.

- a. TRUE
- b. FALSE

4. What can cause chemical weathering?

- a. Oxygen
- b. Carbon dioxide
- c. Water
- d. All of the above

5. Which of the following correctly orders the different soil horizons from the surface down to the deepest layer?

- a. O-C-B-A
- b. C-A-B-O
- c. A-B-C-O
- d. O-A-B-C

6. The A-horizon is a layer of partially altered bedrock.

- a. TRUE
- b. FALSE

7. A layer of soil with a different appearance and composition than layers underneath is called a _____.

- a. Horizon
- b. Fissure
- c. Deposition
- d. Depression

8. The B-horizon layer is lighter brown and holds more water than the topsoil because of the presence of _____.

- a. Aluminium and sand
- b. Clay
- c. Iron and clay
- d. Sand

9. Which soil horizon is most important for growing crops?

- a. B horizon; Subsoil
- b. A horizon; topsoil
- c. O horizon
- d. 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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