

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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