

# Soil Formation Quiz

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**1) What type of climate produces the thickest soils?**

- a) Continental
- b) Arid
- c) Tropical
- d) Subarctic

**2) In the United States, residual soils are more common than transported soils.**

- a) True
- b) False

**3) Increased rainfall increases**

- a) Weathering rate.
- b) The amount of rock that is dissolved.
- c) The rate that soil is formed.
- d) All of the above

**4) A soil's parent rock determines**

- a) The composition of the material that can become soil.
- b) Whether the soil will be residual or transported.
- c) The thickness of the soil that can form.
- d) Both A & B

**5) Humus increases a soil's**

- a) Porosity
- b) Ability to hold water

- c) Fertility
- d) All of the above

**6) The longer the amount of time the soil remains in an area, the greater the degree of alteration.**

- a) True
- b) False

**7) Steep slopes tend to develop rich soils.**

- c) True
- d) False

**8) Decayed plants and animals in the soil create \_\_\_\_\_.**

Humus

**9) Decomposing organisms speed up soil formation because they**

- a) Create organic acids that increase weathering.
- b) Break down complex organic molecules into simpler ones.
- c) Use up nitrogen, which speeds up soil-forming processes.
- d) A & B

**10) Soils that are fertile contain a lot of**

- a) oxygen
- b) organic materials
- c) clay
- d) sand

