

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key: Wrangle Our Planet: 6th Grade Human-Environment Interaction Quiz

Identify how civilizations reshape landscapes and adjust to diverse climates through real-world examples of engineering, agriculture, and resource management.

---

**1. In the Andes Mountains, farmers carved flat steps into steep hillsides to create farmable land. What is this modification called?**

**Answer:** B) Terrace farming

Terrace farming is a physical modification where humans change the shape of mountains to grow food and prevent erosion.

**2. The process of \_\_\_\_\_ involves bringing water from rivers or lakes to dry areas to help crops grow.**

**Answer:** C) Irrigation

Irrigation is a way humans modify the environment to ensure a steady water supply for agriculture in arid regions.

**3. Building a bridge over a river is an example of humans adapting to the environment.**

**Answer:** B) False

Building a bridge is a modification because humans are physically changing the landscape to make travel easier.

**4. Which of these is an example of human 'dependence' on the environment?**

**Answer:** A) Using wind turbines to generate electricity

Dependence refers to relying on natural resources (like wind, sunlight, or water) to survive or power our society.

**5. When people in Florida build houses on high stilts to protect them from flooding, they are \_\_\_\_\_ to their environment.**

**Answer:** A) Adapting

Adapting involves changing human behavior or designs to live more safely within existing environmental conditions.

**6. Pollution is considered a negative consequence of human-environment interaction.**

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Answer:** A) True

Consequences are the results of our interactions; pollution is an unintended negative effect of industrial modification.

**7. What was the primary environmental reason ancient civilizations settled near the Nile or Indus rivers?**

**Answer:** C) For fertile soil and water

Humans depend on freshwater and fertile soil (silt) for agriculture, which is why early settlements were river-based.

**8. The use of solar panels to collect energy from the sun is a form of \_\_\_\_ because we are using a natural resource.**

**Answer:** B) Dependence

We depend on the sun's energy to provide a renewable source of power for our needs.

**9. Which of the following is a physical modification of the environment?**

**Answer:** C) Digging the Panama Canal

Digging a canal physically reshapes the land and changes the water flow to create a new transportation route.

**10. Humans only modify the environment in ways that are harmful.**

**Answer:** B) False

Modifications can be positive, such as creating parks, planting trees to stop erosion, or building clean energy facilities.