Mountains Quiz

1. Melting ice and snow from mountains act as ________ for many rivers and streams.
   a. Sources  
   b. Endpoints  
   c. Obstacles  
   d. Outlets

2. In the movie, Tim mentions that mountains take up one-quarter of the Earth’s land surface. What can you infer from this fact?
   a. Mountains are found in every ecosystem  
   b. Mountains do not exist underwater  
   c. Mountains exist on every continent 
   d. Human life originally evolved in the mountains

3. The land east of the Sierra Nevada mountains is desert. What can you infer about the land west of the Sierras?
   a. It is constantly buffeted by high winds  
   b. It is one of the rainiest regions on the planet 
   c. It's also desert  
   d. It receives a fair amount of precipitation

4. Which of the following terms describes how mountains form?
   a. Gradually  
   b. Rapidly  
   c. Explosively  
   d. Destructively

5. Which of the following terms describes the area where the Himalaya Mountains formed?
   a. Divergent boundary  
   b. Convergent boundary  
   c. Subductive zone  
   d. Transform boundary

6. What feature might you find throughout the Rocky Mountains?
   a. Tilted blocks of rock  
   b. Folded blocks of rock  
   c. Sharp peaks and ridges  
   d. Volcanoes

7. The surface of volcanic mountains is made up of:
   a. Compacted ash and smoke  
   b. Sedimentary rock  
   c. Metals from deep within the Earth's crust  
   d. Cooled magma

8. How are fault-block mountains different from folded mountains?
   a. Fault-block mountains form where tectonic plates push together; folded mountains occur where plates pull apart 
   b. Fault-block mountains occur where two plates slide past; folded mountains occur where one slides underneath 
   c. Fault-block mountains occur where plates pull apart; folded mountains occur where plates push together 
   d. Fault-block mountains occur where one plate slides underneath; folded mountains occur where they slide past

9. What can you conclude from the fact that the volcanic ocean ridge system is the largest mountain belt on earth?
   a. There are more underwater volcanoes than aboveground volcanoes  
   b. There are more underwater tectonic plates than aboveground tectonic plates 
   c. Underwater mountains have higher elevations than aboveground mountains 
   d. Mountains form faster underwater than they do on land

10. The rock that makes up folded, upwarped, and fault-block mountains comes from:
    a. The earth's mantle  
    b. The earth's crust  
    c. The earth's core  
    d. The earth's surface