

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_ Continental Drift Video Quiz

DIRECTIONS: place the letter of the correct answer in the space provided.

- 1) \_\_\_\_ A transform boundary exists where one of the Earth's plates \_\_\_\_\_.  
a) dives beneath another plate                      b) slides past another plate  
c) crashes into another plate                      d) moves away from another plate
  
- 2) \_\_\_\_ Which of these is NOT used as evidence that Earth's surface consists of plates that are in continuous motion?  
a) earthquakes    b) blizzards  
c) mountains    d) volcanoes
  
- 3) \_\_\_\_ What did scientist Alfred Wegener call the large supercontinent that once existed?  
a) Eurasia    b) Panamerica  
c) Pangea    d) Ring of Fire
  
- 4) \_\_\_\_ Which of these pieces of evidence did Wegener use to support his theory of continental drift?  
a) subduction zones                                      b) divergent boundaries  
c) seafloor spreading                                      d) fossils from different continents
  
- 5) \_\_\_\_ Seafloor spreading explains why \_\_\_\_\_.  
a) materials circulate within the Earth's mantle                      b) the ocean has high and low tides  
c) one portion of the Earth's crusts dives beneath another portion                      d) the oldest part of the ocean floor is found farthest from the mid-ocean ridge
  
- 6) \_\_\_\_ Scientists think that tectonic plates can move when \_\_\_\_\_.  
a) materials circulate in the Earth's mantle                      b) high tide occurs  
c) magma is released from the mid-ocean ridge                      d) the lithosphere begins to melt
  
- 7) \_\_\_\_ The rocky outer layer of the Earth is called the \_\_\_\_\_.  
a) mantle    b) atmosphere  
c) hydrosphere    d) lithosphere
  
- 8) \_\_\_\_ Energy released during an earthquake creates \_\_\_\_\_.  
a) an overheated inner core                                      b) a mid-ocean ridge  
c) an eruption of molten lava                                      d) a seismic wave
  
- 9) \_\_\_\_ The Ring of Fire refers to \_\_\_\_\_.  
a) an active erupting volcano                                      b) the volcanoes surrounding the Pacific Ocean  
c) the spreading that takes place on the ocean floor                      d) the land once known as Pangea
  
- 10) \_\_\_\_ Mountains on the Earth's surface form in random locations, with no relation to the Earth's plates.  
a) True  
b) False