Drifting Continents (pp. 144-148)

1) What three main types of evidence did Alfred Wegener use to support his hypothesis that Earth’s continents have moved.
   a) ______________________________
   b) ______________________________
   c) ______________________________

Continental Drift (pp. 145-148)

2) State Alfred Wegener’s hypothesis about how Earth’s continents have moved. _________________________
   ___________________________________________________________________________________________
   ___________________________________________________________________________________________

3) What was the name Wegener gave the supercontinent that he said existed. _________________________

4) What did Wegener think had happened to this supercontinent? ________________________________
   ___________________________________________________________________________________________
   ___________________________________________________________________________________________

5) True or false? The fact that some continents match up like jigsaw puzzle pieces supports Wegener’s hypothesis.
   __________________

6) True or false? The fact that different rock structures are found on different continents supports Wegener’s hypothesis.
   __________________

7) True or false? The fact that fossils of tropical plants are found near the equator supports Wegener’s hypothesis.
   __________________

8) True or false? The fact that continental glaciers once covered South Africa supports Wegener’s hypothesis.
   __________________

9) What do the matching mountain ranges in Africa and South America show, according to Wegener’s hypothesis?
   ___________________________________________________________________________________________
   ___________________________________________________________________________________________
Continental Drift continued (pp. 145-148)

10) Any trace of an ancient organism preserved in rock is called a(n) ______________________________.

11) How did Wegener explain similar fossils on different continents? ________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________

12) True or false? Wegener believed that continental drift explained fossils of tropical plants found in places that today have a polar climate.

________________________

Wegener’s Hypothesis Rejected (p. 148)

13) What was the main reason Wegener’s hypothesis of Continental Drift rejected? ____________________
___________________________________________________________________________________________
___________________________________________________________________________________________

14) True or false? Wegener thought mountains were formed when Earth cooled and shrunk up like a dried up grape, causing the Earth to fold and buckle?

________________________

15) How did the locations of mountains support Wegener’s idea about how mountains form? ____________
___________________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________

*Bonus: What was the title of Alfred Wegener’s book he published in 1915 about continental drift?

___________________________________________________________________________________________