

Name _____ Date _____

Science Chapter 8 - Earth's Structure

Heading 1 (p.174) _____

Subheading 3 (p.178) _____

Subheading 4 (p. 180) _____

1. Which person below developed the theory of continental drift?
A. Galileo B. Wegener C. Armstrong
2. What does "continental drift" mean? _____

3. When I hear the words "plate tectonics", I should think of . . .
giant _____ of rocks moving _____
4. On average, plate move 4 inches, or _____ cm in one year.
A. 4 cm B. 20 cm C. 10 cm
5. From reading about plate tectonics, I can tell that plates (do/don't) move very far in one year. But they (do/don't) move far over millions of years.
6. The places where plates meet are called _____.
7. Give a description of each kind of plate boundary & illustrate with arrows.
 1. converging _____
 2. diverging _____
 3. sliding _____
8. What evidence shows that Earth's plates have been moving?
A. geysers B. rocks C. plates
9. What does it mean when rocks are deposited? _____
10. List 2 things that breaks down rocks at the Earth's surface.
 1. _____
 2. _____
11. What is the remain of a plant or animal from long ago?
A. sedimentary rock B. plate C. fossil
12. How do fossils help us to know that the Earth's plates have moved?

