Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Prediction Guide Plate Tectonics**

Directions: Read each statement and place a plus in the **Before** column if you agree with it and a minus if you do not agree with it.

|  |  |  |
| --- | --- | --- |
| **Before** | **Statement** | **After** |
|  | To study Earth’s interior, geologist often rely on indirect methods, such as evidence from fossils. |  |
|  | The transfer of heat by the movement of heated fluid is called conduction. |  |
|  | Oceanic crust near the mid-ocean ridge is younger than oceanic crust farther away from the ridge. |  |
|  | If subduction occurs faster than oceanic crust can be created, an ocean will expand. |  |
|  | Along a divergent boundary, two plates slip past each other, moving in opposite directions. |  |
|  | Along the Mid-Atlantic ridge, the North American plate and the Eurasian plate are moving apart at a very slow rate. |  |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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