

Chapter 10

Use with Section 2

REINFORCEMENT**● Seafloor Spreading**

Find the mistakes in the statements below. Rewrite each statement correctly on the lines provided.

1. The youngest rock is found along the far edges of an ocean ridge. _____

2. The scientist Henry Hess invented echo-sounding devices for mapping the ocean floor. _____

3. As the seafloor spreads apart, hot saltwater rises and flows from the cracks. _____

4. As the seafloor moves away from the ridge and becomes hotter, it moves upward and forms still higher ridges. _____

5. The research ship *Glomar Challenger* was equipped with a drilling rig that records magnetic data. _____

6. Scientists found that the rocks were younger closer to the trenches. _____

7. Rocks on the seafloor are much older than the continental rocks. _____

8. The oldest rocks found on the seafloor were almost four billion years old. _____

9. All the rocks on the seafloor are aligned according to the same magnetic field orientation.

10. Evidence supporting continental drift shows that the ocean floor is always stable. _____
