

Chapter 11

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. _____
