

NAME:

DATE:

CLASS:

Seafloor Spreading Worksheet

Directions: Find the mistakes in the statements below. Change the necessary word or words so that each statement is correct.

1. During the 1940s and 1950s, scientists began using radar on moving ships to map large areas of the ocean floor in detail.
2. The youngest rocks are found far from the mid-ocean ridges.
3. As the seafloor spreads apart, hot saltwater moves upward and flows from the cracks.
4. Earth's magnetic field has always run from the north pole to the south pole.
5. As the new seafloor moves away from the ridge and becomes hotter, it moves upward and forms still higher ridges.
6. Rocks on the seafloor are much older than many continental rocks.
7. The magnetic alignment in rocks on the ocean floor always runs from the north pole to the south pole.
8. The scientist Harry Henry Hess invented echo-sounding devices for mapping the ocean floor.
9. The research ship Glomar Challenger was equipped with a drilling rig that records magnetic data.
10. When plates collide, the denser plate will ride over the less-dense plate.