

Sea Floor Spreading - Pages 23-29

1. One example of a _____ is the East Pacific Rise that winds beneath Earth's oceans.
2. Sonar is used to find the distance of objects by bouncing _____ off underwater objects and recording their _____.
3. _____ was an American geologist who studied mid- ocean ridges.
4. Harry Hess believed that a process called _____ constantly adds new material to the ocean floor.
5. When the sea floor spreads apart, new _____ is added.
6. The three main types of evidence that support the theory of sea-floor spreading are: _____, _____, and _____.
7. Where the ocean floor plunges into deep water canyons is called a _____.
8. _____ is the process where the ocean floor sinks into the mantle, below a deep- ocean trench.
9. Subduction and sea-floor spreading can change the _____ and _____ of the oceans.
10. If deep- ocean trenches swallows more oceanic crust than the mid- ocean ridges make, the ocean will _____.