

Earth Science Chapter 5: Sea-Floor Spreading

Answer the following questions. You may write “T” for true and “F” for false. Answers that cannot be read will be counted as incorrect.

_____ 1. Sonar is a device that bounces sound waves off underwater objects and then records the echoes of these sound waves.

_____ 2. Ronald McDonald was one of the scientists who studied mid-ocean ridges.

_____ 3. A process called sea-floor spreading continually adds new material to the ocean floor.

_____ 4. Rock closest the mid-ocean ridge is the oldest rock.

_____ 5. The result of sea-floor spreading is the continents moving apart, which helps support Wegener’s theory of continental drift.

6. What are the three main types of evidence to support Hess’s theory of sea-floor spreading?

A.

B.

C.