

Seafloor Practice Worksheet

Name _____

1. How do we study the ocean floor?

- a. Scuba diving
- b. Submersibles
- c. Manned all-terrain vehicles
- d. All of the above

2. Maps that show features of the ocean floor are

- a. Topography maps
- b. Bathymetric maps
- c. Topographic maps
- d. Ocean maps

3. During World War II, battleships and submarines carried echo sounders to locate enemy submarines.

- a. TRUE
- b. FALSE

4. Submersibles are used in _____.

- a. Oceans
- b. Atmosphere
- c. Lithosphere
- d. All of the above

5. The human operated vehicle Alvin can dive up to 4,500 m beneath the ocean surface.

- a. TRUE
- b. FALSE

6. To sample deep into the sediment and rock of the seafloor, scientists

- a. Drill from the Joides Resolution
- b. Send Alvin to collect rocks
- c. Send a gravity corer from the surface
- d. Dredge along the seafloor

7. What do scientists currently use to map the ocean floor?

- a. Sound waves
- b. Lasers
- c. Telescopes
- d. Line depths

8. Samples of seawater and rocks can be collected directly by scientists using a _____.

- a. Submersible
- b. Echo sounder
- c. Both A and B
- d. None of the above

9. What produces sound waves that travel outward in all directions, bounce off the nearest object, and then return to the ship?

- a. Outward sounders
- b. Echo sounders
- c. Inward sounders
- d. None of the above

10. Scuba divers can only dive to about _____.

- a. 20 meters deep in ocean
- b. 80 meters deep in ocean
- c. 40 meters deep in ocean
- d. 100 meters deep in ocean

