

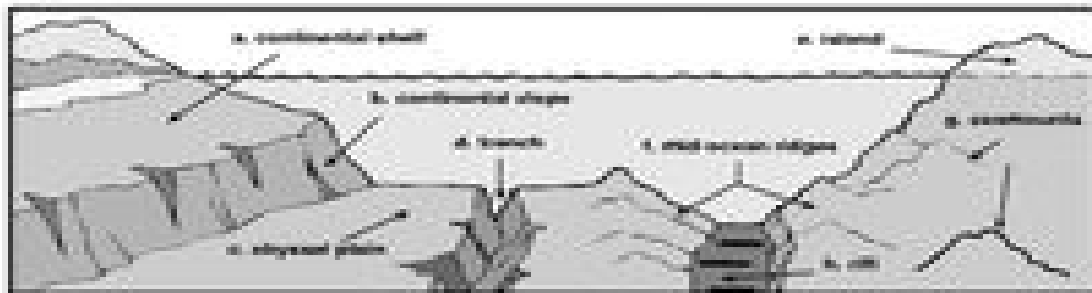
Name \_\_\_\_\_

Date \_\_\_\_\_

## Ocean-Floor Adventure

Imagine yourself on a field trip crossing the ocean floor. What sights do you think you would see? Find out by following the directions below.

**Directions:** Each flipper describes an ocean-floor feature. Use the diagram to help you decide which feature is being described. Then write its corresponding letter on the flipper.



1. \_\_\_\_\_ a chain of mountains that runs through the three major oceans (most stand about 5,000 feet above the seafloor)

2. \_\_\_\_\_ a submerged area that runs the length of the shoreline and gently slopes underwater to an average depth of about 430 feet

3. \_\_\_\_\_ a mountain that breaks through the surface of the water

4. \_\_\_\_\_ a flat area of the ocean floor, covered with sand, mud, and plant and animal remains

5. \_\_\_\_\_ a steep-sided valley at the center of a mid-ocean ridge

6. \_\_\_\_\_ a long, narrow, steep-sided valley that forms the deepest parts of the ocean

7. \_\_\_\_\_ a steep drop-off from the continental shelf that plunges to depths of 2½ miles

8. \_\_\_\_\_ underwater mountains formed by erupting volcanoes



**Student Box:** If the continental slope extends to a depth of 2½ miles, how many feet deep does it plunge? (Hint: 5,280 feet = 1 mile)

