**Chapter 10 study guide answer sheet-OCEANS** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write a definition for each of the following terms:

1. Trench- deep canyon on the ocean floor
2. Oceanography- study of earth’s oceans
3. Wave-\_regular up and down movement of water
4. Density current-stream of water that moves up and down in ocean depths
5. Ooze-ocean sediment that contains the remains of many ocean organisms
6. Nodule-mineral lump found on the ocean floor
7. Current-\_stream of water flowing in the oceans\_
8. Thermocline-\_layer of ocean water in which the temperature drops sharply with depth
9. Salinity-amount of dissolved salts in ocean water
10. Submersible-underwater research vessel
11. The three major oceans are Atlantic Ocean, Pacific Ocean, Indian Ocean
12. The study of the world’s oceans is called oceanography
13. To find the depth of the ocean, scientists use \_sonar
14. Ocean water is warmest \_at the surface.
15. Warm ocean currents come from areas near the \_equator\_\_\_\_.
16. The distance between the crests is the \_wavelength.
17. Nodules are mostly nickel, iron, and manganese\_.
18. The process by which liquid changes to a gas is called evaporation
19. Just beyond the shoreline of a continent you would find \_the continental shelf.
20. Salinity of ocean waters can rise when \_\_the sun evaporates the ocean water, leaving the salt behind\_\_\_\_.
21. Where is most of earth’s fresh water? frozen in glaciers and polar ice caps
22. What do oceanographers study? \_the world ocean\_\_\_\_
23. What is an underwater research vessel called? submersible
24. What heats the ocean water? \_the sun
25. What causes the changing tides? the gravitational pull of the moon
26. What is a high level tide called? flood tide
27. What is a ring-shaped coral reef around a lagoon called? \_atoll\_
28. An underwater, flat-topped seamount is called a \_guyot\_
29. What is the process of removing salts and minerals from the water to make it suitable to drink? desalination
30. What is the outgoing tide called? \_ebb\_\_\_

Draw and label the features of the ocean floor: (**ADD THIS TO YOUR STUDY GUIDE)**

