Chapter 2 Review Sheet

Label the seafloor features in the diagram below



**Matching**

a. Pacific Ocean k. crust

b. Atlantic Ocean l. basalt

c. Indian Ocean m. granite

d. Arctic Ocean n. plate tectonics

e. Southern Ocean o. mid-ocean ridge

f. World Ocean p. continental drift

g. big bang q. trenches

h. density r. sea-floor spreading

i. core s. lithosphere

j. mantle t. athenosphere

1. the continental crust is made of this light colored mineral

2. the innermost layer of the earth

3. 2nd largest ocean basin

4. the layer outside the earth’s core

5. a continuous change of submarine volcanic mountains that encircles the globe like the seams on a baseball

6. the continuous body of water that surrounds Antarctica

7. Oceanographers often use this term to describe all the oceans together

8. smallest ocean basin

9. oceanic crust is made of this dark colored mineral

10. the outer most layer of the earth

11. a great cosmic explosion

12. a fairly rigid layer of the earth that is composed of the crust and the uppermost part of the mantle

13. the suggestion that all continents had once been joined in a single “supercontinent”, but have drifted apart.

14. a system of deep depressions in the seafloor

15. 3rd largest ocean basin

16. the process by which the sea floor moves away from the mid-ocean ridges to create new sea floor.

17. the process of the earth’s plates moving apart

18. the mass of a given volume of a substance

19. The largest and deepest ocean

20. the layer that the lithosphere floats on, it is the “plastic” layer

**Matching**

a. continental margins f. abyssal plain

b. continental shelf g. seamounts

c. continental slope h. guyots

d. continental rise i. hydrothermal vents

e. submarine canyons

21 a steep declining region of the sea floor

22. the deep-sea floor

23. eroded trenches found in the continental shelf

24. the division between the two main regions of the seafloor

25. the base of the continental slope

26. a shallow gentle slope of the sea floor

27. flat topped seamounts

28. submarine volcanoes conical in shape

29. a deep-sea hot spring