

Content Practice A

LESSON 1

Composition and Structure of Earth's Oceans

Directions: On each line, write the term from the word bank that correctly completes each sentence. Each term is used only once.

- | | | | |
|----------------|----------------|----------|----------|
| abyssal plains | brackish water | energy | mineral |
| precipitation | ridges | salinity | seawater |
| shelf | submersibles | sunlight | trenches |

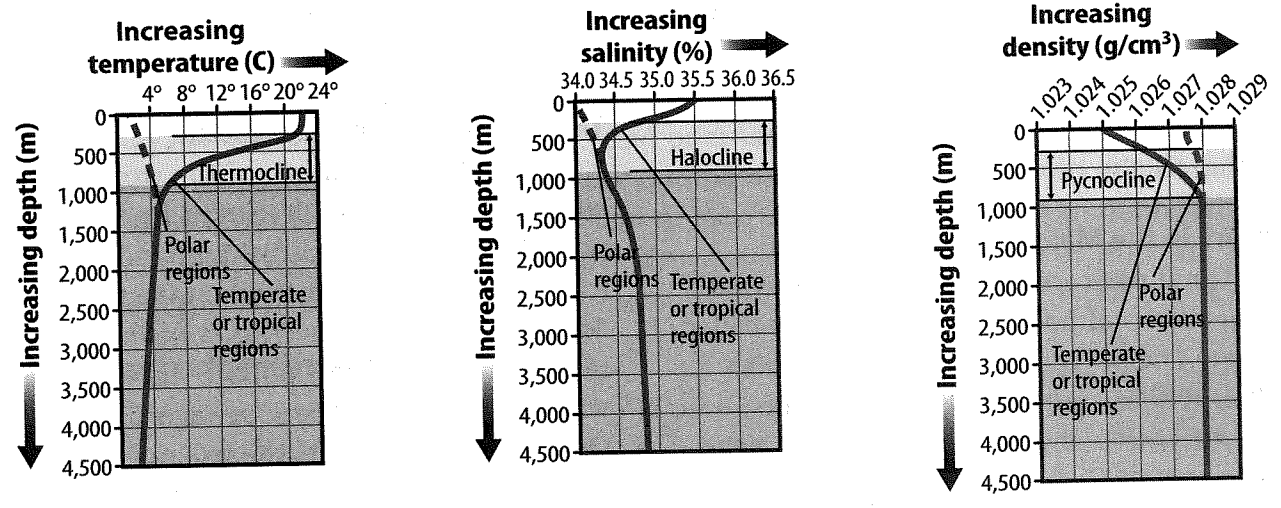
1. The oceans were filled during tens of thousands of years with water from _____ and possibly ice from comets and asteroids.
2. The continental margins include the continental _____, the continental slope, and the continental rise.
3. The large, flat areas of the seafloor that extend across the deepest parts of the ocean floor are the _____.
4. In areas where tectonic plates collide, the seafloor has deep _____.
5. In areas where tectonic plates separate, the seafloor has mid-ocean _____.
6. Oceanographers use _____ to explore the seafloor.
7. Physical characteristics that are used to classify the ocean into zones include water depth, temperature, salinity, density, and amount of _____ received.
8. Water from a sea or an ocean that has an average salinity of 35 ppt is _____.
9. Two main types of resources on the seafloor are _____ and _____ resources.
10. The measure of the mass of dissolved solids in a mass of water is called _____.
11. Freshwater mixed with seawater is _____.

Key Concept Builder 

LESSON 1

Composition and Structure of Earth's Oceans

Key Concept How do temperature, salinity, and density affect ocean structure?



Directions: Use the graphs to answer each question on the lines provided.

1. What does the first graph illustrate about temperature in the ocean as depth increases?

2. At what depths does the temperature of water differ between polar regions and temperate or tropical regions?

3. What is the approximate temperature of water below a depth of 1,000 m? _____
4. At what depths is the salinity of ocean water relatively constant?

5. Why does the salinity of surface water in polar regions differ from the salinity of surface water in temperate or tropical regions?

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