

18. In surface waters of the ocean, strong sunlight supports the process of _____ by marine algae, which either directly or indirectly provide food for the vast majority of marine organisms.
19. Among plankton, animals are called _____.
20. The _____ is a subdivision of the benthic zone that includes the deep-ocean floor.
21. Each of the feeding stages of a food chain is called a _____.
22. Most of Earth's _____, the mass of all living organisms, consists of plankton adrift in the oceans.
23. The _____ is the portion of the photic zone near the surface, where light is strong enough for photosynthesis to occur.

Comprehensive Review

1. List the two most abundant salts in seawater. What are the two primary sources for most dissolved substances in the ocean?
2. List two processes that increase and two processes that decrease seawater salinity.
3. Briefly describe why ocean-surface salinity changes with latitude.
4. What are the factors that influence seawater density? Which has the greatest influence on surface seawater density?
5. Compare the vertical changes in ocean water temperature and density in low latitudes to those in high latitudes.
6. Describe the ocean's three-layer structure.
7. How are marine organisms classified according to where they live and how they move?