Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_ ASSIGN

**Oceans and Aquatic Biology Newsletter Questions**

**Vocabulary:**

|  |  |  |
| --- | --- | --- |
| **Term** | **Definition** | **Picture** |
| Intertidal Zone |  |  |
| Neritic Zone |  |  |
| Oceanic Zone |  |  |
| Benthos |  |  |
| Plankton |  |  |
| Nekton |  |  |
| Desalination |  |  |

1. How do scientists divide the 3 zones of the ocean? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What adaptations do organisms have/need in the intertidal zone?
3. Describe 3 features of the neritic zone (sunlight? Depth? Animals?)
4. What is kelp? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. How are coral reefs similar to kelp forests? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. How far can sunlight penetrate in the oceanic zone? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Describe upwelling.
8. What are the 3 categories of organisms in the ocean? **Give examples of each.**
9. List 3 animals in the oceanic food chain. (Use the picture!!!)
10. How does the marine food chain connect to the land food chain? (Use the picture!!!)
11. Explain how producers, consumers, and decomposers are related.
12. What is the difference between aquatic and terrestrial? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. Describe estuaries. What are the conditions like?
14. Why are estuaries important?
15. What resources do humans get from the ocean?