

1. What are the 3 factors used to divide the ocean into different marine life zones?

1 \_\_\_\_\_

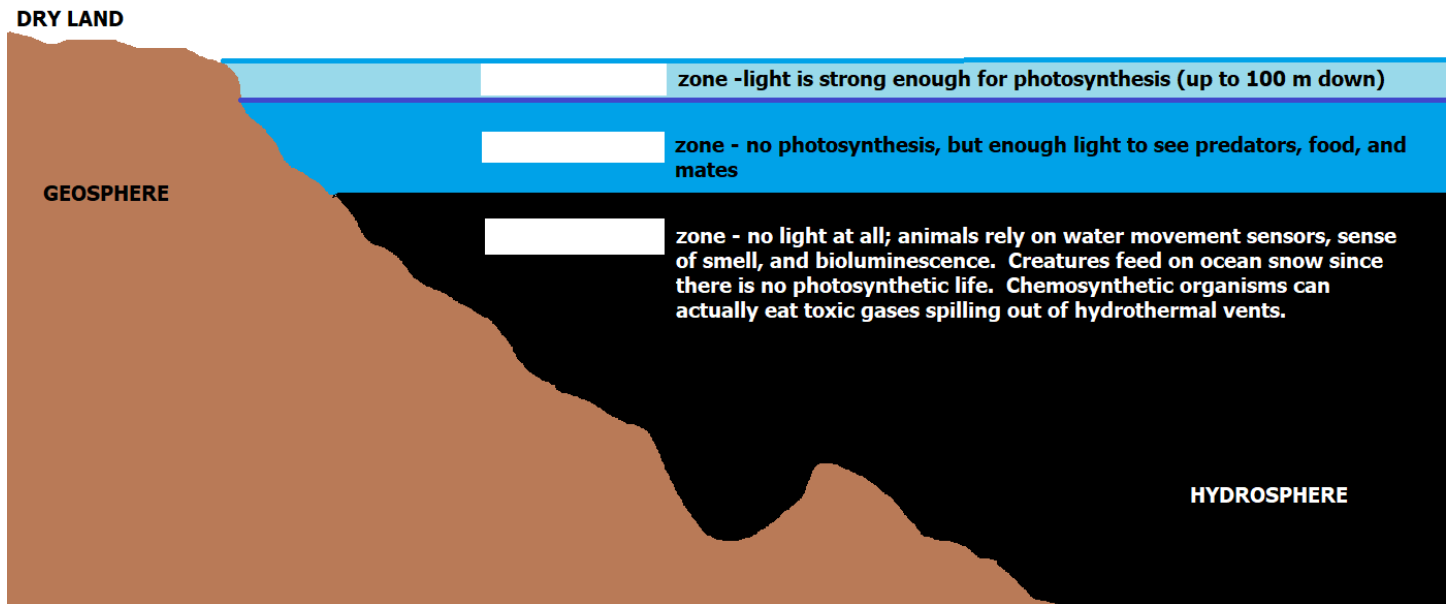
2 \_\_\_\_\_

3 \_\_\_\_\_

**AVAILABILITY OF SUNLIGHT**

2. Label the picture below with the following terms: Disphotic zone, Euphotic zone, and Aphotic zone

**THE ATMOSPHERE**



3. In which zone would you find chemosynthetic bacteria near a hydrothermal vent?

\_\_\_\_\_

4. In which zone would you find phytoplankton?

\_\_\_\_\_

5. Which zone might contain creatures with enormous eyes to take in the very little light available?

\_\_\_\_\_

6. Which zone has creatures that often don't have eyes, because they would see nothing anyway?

\_\_\_\_\_

7. Which zone would have mats of algae or seaweed?

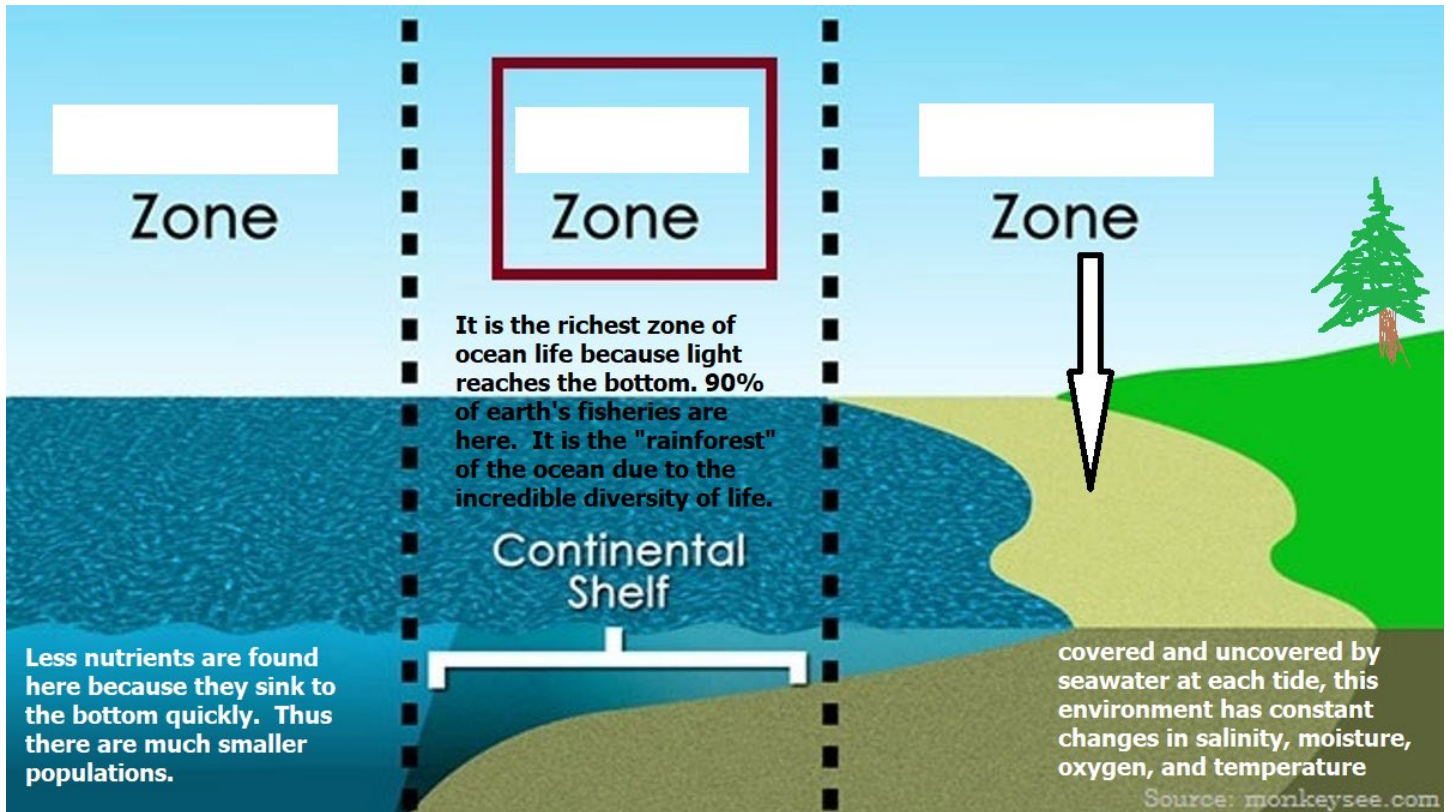
\_\_\_\_\_

8. Which zone has creatures that eat ocean snow (tiny pieces of dead matter floating down to the bottom)? \_\_\_\_\_

9. Which zone has the nickname "the twilight zone?" \_\_\_\_\_

DISTANCE FROM SHORE

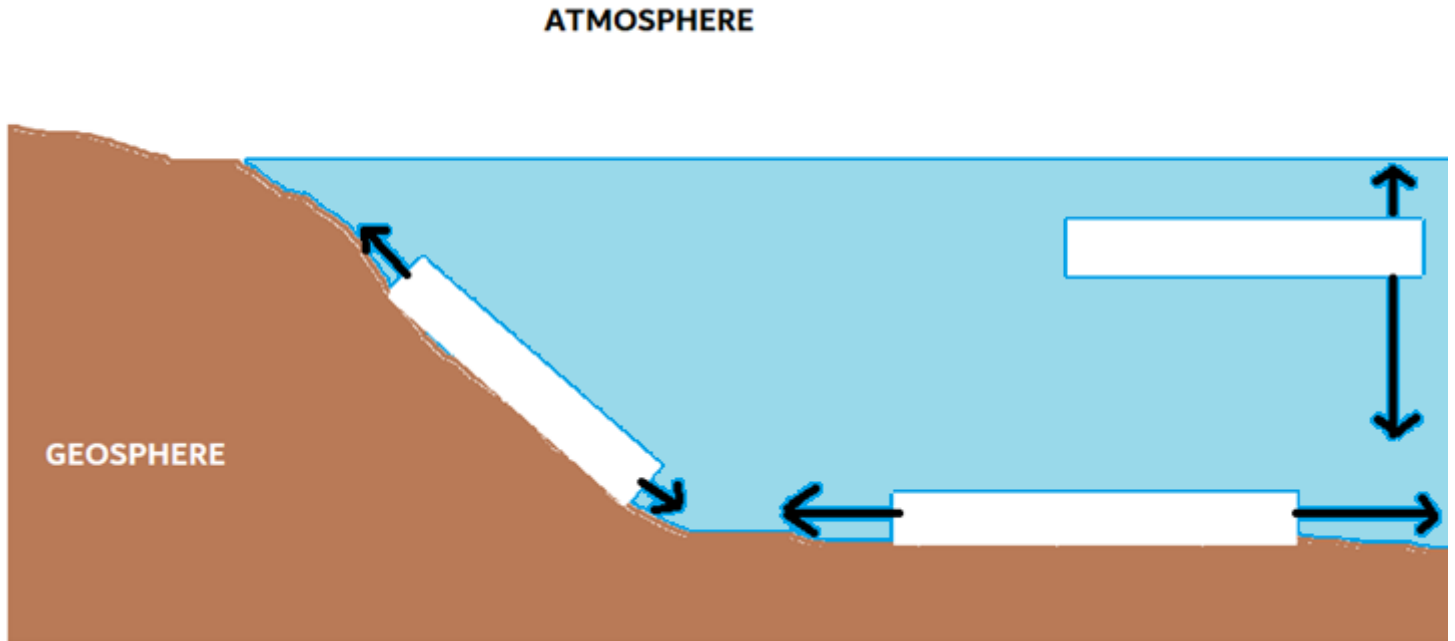
10. What is the name of the zone where it is both land AND ocean?  
\_\_\_\_\_
11. What is the name of the zone from the line of low tide out to the edge of the continental shelf?  
\_\_\_\_\_
12. What is the name of the zone from the edge of the continental shelf and beyond?  
\_\_\_\_\_
13. Label the picture below with the following terms: Oceanic zone, Intertidal zone, and Neritic zone



14. Which zone has the smallest populations? \_\_\_\_\_
15. Which zone has creatures adapted to living in water and on dry land? \_\_\_\_\_
16. Which zone has the greatest biodiversity of the entire ocean? \_\_\_\_\_
17. Which zone is located on the continental shelf? \_\_\_\_\_
18. Which zone is out beyond the continental shelf? \_\_\_\_\_
19. A coral reef needs sunlight and needs to be underwater continuously. What zone is it found in?  
\_\_\_\_\_

WATER DEPTH

20. Label the picture with the following words: Pelagic zone, Benthic zone, Abyssal zone



21. Which zones are bottom zones? \_\_\_\_\_

22. Which zone is the deepest bottom zone? \_\_\_\_\_

23. If you are a whale, what zone would you be in? \_\_\_\_\_

24. If you are a dolphin, what zone would you be in? \_\_\_\_\_

25. If you are a crab, what zone(s) would you be in? \_\_\_\_\_

26. Which zone(s) would include **sessile** organisms? \_\_\_\_\_