

## **Marine Science Review for Quiz on Water**

1. How are the oxygen and hydrogen atoms in a water molecule held together?
2. What makes water a polar molecule?
3. What are four properties of liquid water caused by hydrogen bonding?
4. Why is thermal inertia important in establishing thermal equilibrium?
5. At what temperature is water most dense?
6. At what temperature does fresh water freeze?
7. At what temperature does seawater freeze?
8. What is salinity?
9. What is the average salinity of the world's oceans?
10. How does an induction salinometer measure salinity?
11. What are the two most abundant elements in seawater besides oxygen and hydrogen?
12. How do temperature and salinity affect water density?
  
13. What is a thermocline?
14. What is a halocline?
15. What is a pycnocline?