

## Biology Unit 11 – Osmoregulation

### Video Review Sheet

[www.bozemanscience.com/osmoregulation](http://www.bozemanscience.com/osmoregulation)

1. Define osmosis:
2. As demonstrated by the RBC experiments, it is really important that the cells in our body remain:
3. Define osmolarity:
4. What strategy do osmoconformers employ?:
5. Osmoregulators are different, they \_\_\_\_\_ the amount of water inside of them.
6. What do brine shrimp spend 30% of their energy on?
7. What is the issue the fresh water fish? Water wants to flow \_\_\_\_\_ of them, their urine is:
8. Whereas saltwater fish have to \_\_\_\_\_ salt water and their urine is:
9. What organ do we use to osmoregulate with?
10. What do we have inside our kidneys?
11. What happens on the descending side of the loop of Henle?
12. What happens on the ascending side of the loop of Henle?
13. All of the work of the Loop of Henle is to set up a \_\_\_\_\_
14. What is the hormone that regulates water reabsorption in the collecting duct?
15. What is responsible for the color of your urine?