**Seas Around the Word**

Directions: Fill in the left side of the following chart with your predictions on which body of water has the lowest salinity (1) to the highest salinity (7). Then fill in the right side of the chart during the discussion.

|  |  |  |  |
| --- | --- | --- | --- |
| Prediction | Body of Water | Actual Salinity | Density |
|  | Distilled |  |  |
|  | The Dead Sea |  |  |
|  | The Oceans |  |  |
|  | Baltic Sea |  |  |
|  | Red Sea |  |  |
|  | Black Sea |  |  |
|  | Great Salt Lake |  |  |

**Diet Light**

Directions: Fill in the left side of the following chart with your predictions on whether the can of regular coke and the can of diet coke will sink or float in water. Then fill in the right side of the chart with your observation.

|  |  |  |
| --- | --- | --- |
| Prediction | Can of Soda | Observation |
|  | Coke |  |
|  | Diet Coke |  |

**Layer or Mix?**

|  |  |
| --- | --- |
| Different Salinities | Different Temperatures |
| Prediction:Observation: | Prediction:Observation: |

**Complete the following sentence:**

As salinity increases, density \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

As temperature increases, density \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.