

Name \_\_\_\_\_ Date \_\_\_\_\_

## **Diet Versus Regular Soda: Which Pop Goes to the Top?**

1. a. What do you think will happen when you place a can of diet soda in water?  
  
b. What do you think will happen when you place a can of regular soda in water?
  
2. How does the density of something that sinks compare to the density of the fluid surrounding it?
  
3. How does the density of something that floats compare to the density of the fluid surrounding it?
  
4. What causes an object to remain sunk?
  
5. What causes an object to remain afloat?
  
6. Predict what will happen when we add corn syrup to the water. Why will this happen?
  
7. What happened in terms of the relationship between the water and the can of regular soda? Why?