

Soda Pop Drop

Name: _____ Date: _____ Period: _____

1) Predict what you think will happen when we put a can of regular Cola and a can of Diet Cola into a tank of water?

2) After viewing the results, describe how we can figure out why this happens?

3) What is the mass of each can of soda?

Regular =

Diet =

4) What is the volume of each can of soda?

Regular =

Diet =

5) What is the density of each can of soda? Hint: $d=m/v$

Regular =

Diet =

6) In your own words, describe how the density determines if a can of soda will float or sink.