

Name _____ Date _____ Period _____

Beaker Demonstration

Directions: An **observation** is something that can be directly sensed with one of your 5 senses. An **inference** is something that includes an opinion or bias. Make 3 **observations** and 3 **inferences** about the two beakers you see.

Observations	Inferences
1.	1.
2.	2.
3.	3.

Make a *prediction* for what will happen if _____ is placed in both beakers.

Prediction

Make 3 more observations after Mr. Guertin makes an addition to each beaker.

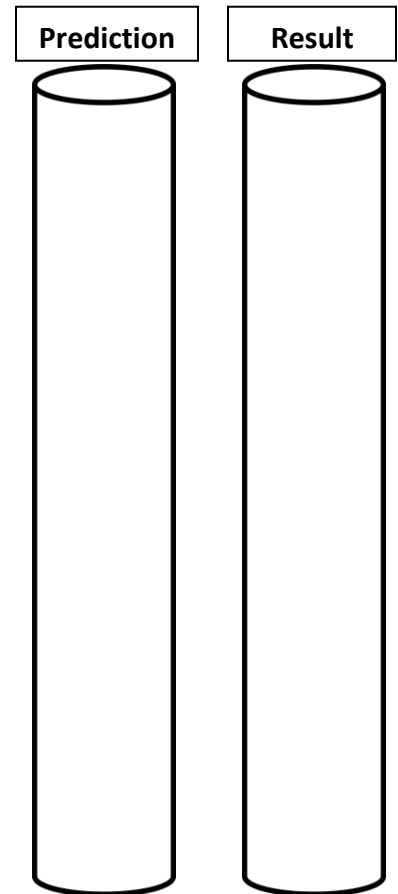
Observations	Drawing
1.	
2.	
3.	

Write down any questions you may want to ask to understand more about what you observed.

Questions

To the right is an empty graduated cylinder. Beaker A is dyed yellow and beaker B is dyed Blue. Draw (in the left graduated cylinder) what you **predict** you will see when beaker A and B are **combined**. Make sure to **note color** in your hypothesis.

Watch Mr. Guertin combine the contents of the two beakers. Draw what you observe in the 2nd graduated cylinder.



Mark an X on the right graduated cylinder as to where you think the ice will be after it is dropped inside.

What do you think is different about the two liquids that might account for their different behaviors?