

Name _____

Sci# _____

Viscosity Lab

1) What is the definition of a liquid?

2) What is viscosity?

Open Air Samples (warm)

Sample	Trial 1	Trial 2	#Trial 3#	Average of Trials
A				
B				
C				
D				
E				

Ice Water Samples (cold)

Sample	Trial 1	Trial 2	#Trial 3#	Average of Trials
A				
B				
C				
D				
E				

3) Of all the samples tested today, which one had the highest viscosity?

4) Of all the samples tested today, which one had the lowest viscosity?

5) Comparing the cold ice water samples to their warmer open air counterparts, which had the higher viscosity?

6) Do temperatures affect viscosity? If so, state how the viscosity is affected.

7) If you had to get sap (a liquid) out of a maple tree to make maple syrup, would it be faster to get the sap in June or December?

Designing an experiment

1) Give a short description of how would you determine which liquid is the most viscous?

2) What materials would you need for this experiment?

3) What would stay the same in this experiment?(What would you keep constant?)

4) How would you measure the results in this lab?

5) Write out the steps of the procedure for this experiment.

1)

2)

3)

4)

5)

6)

7)

8)