Period:		Density				Which one is more dense, the ping pong ball or the golf ball?	
	your definition			r picture for Density>			В
D		$-\mathbf{D} = \frac{\mathbf{m}}{\mathbf{v}}$		Ex. An		ay in plain English? as a volume of 5 cm ³	E
volum	ne density of an e is 15 mL.	1 52446 824		H In class f	Mass	the three object that Volume	you are given. Density
G If a 10 density	mL object wei y?	ghs 22 grams,	what is its	Object 2 Object 3		** **	
Team J.L.A.	Mass	Volume	Density	Do o Each group will fi	-		Find the slope of the graph
F.F. G.E.				What variable is the Y axis?	<u></u>		$M = \frac{Y_2 - Y_1}{X_2 - X_1}$
Autobots S.F.C.							What does the slope of the mean?
FOTR Avengers				What variable is the X axis?			

Name:	55555	15:53	55555
Period:			

Water is more dense as a liquid than a solid. And good thing, too!

Many forms of life depend on ice being less dense.

Name one:

J

In class find the density of water:

Mass Volume Density

List the densities of the 3 objects from the first page and record if they floated or sank.

	Density	Sink or Float?
Object 1:		
Object 2:		
Object 3:		

What did you find out about floating or sinking substances and density?

If an object has a density of 1.35 g/mL, will it float or sink in water?

Use the data below to calculate the density of each substance. Show your work in the space below

Object	Mass g	Volume mL	Density g/mL
Ethyl Alcohol	5.523	7	
Glycerin	6.3	15	
Isopropyl Alchohol	6.96	18	
Water	25	25	
Corn Syrup	24.66	18	

Label where each of these liquids would be located in the graduated cylinder below. Use colored pencils to color where each liquid would be and how much space it would take up.

