Name: _						Period:
	Finding the	e Density B	etween Int	rusive Grar	nite and Ex	ktrusive Basalt Rocks
Purpose	: To determine the and extrusive b	•	sity between	2 types of ign	eous rocks; i	ntrusive granite and
Researc	they are also	called <i>magmat</i>	ic or plutonic	rock. Extrusiv	ve rock is ro	e or inside the Earth; ck formed by lava d <i>volcanic</i> rock.
	Density =	mass(g) rolume(cm3)	me	easuring mass measuring v	_	• ••
Hypothe	esis: From what I	know about in	trusive and e	extrusive rock,		
Procedu	large cup of wares: Obtain all march and redisplaceme capture the container up to put your Pour the extended the displaced wathe volume container redisplacers.	ater, 6 rock sanaterials. Identicord the mass; nt container in water overflowntil the excess finger over the cess water in the ment contained rater by pouring in cm3 and poepeat for the new second s	mples (3 each fy the rock samake sure to the pan and four from the lawater begins spout and public catch cuper and captured the water from the catch in the extrock samp	h), paper or plamples. Then, to be accurate the catch cup arge cup of wa to drip out of all off quickly to back in the late the displaced om the cup into a large cup. Let ble. Repeat for	using the sc to the tenths under the sp ter, fill up the the flow port begin the p rge cup. Can d H2O into the to the gradual eaving the roce all rocks.	ale weigh each (dry) (00.0g). Place the out to displacement *Hint: you may have rocess (vapor lock). efully, drop a rock in e cup. Measure the ted cylinder. Record ck in the displacement
	•	-		_		per cubic centimeter.
Results:	J	granite#2	granite#3	basalt#1	basalt#2	basalt #3
M	ass:					
Volu	ume:					
Density:	granite #1		g/cm3	basalt	: #1	g/cm3
	granite #2		g/cm3	basalt	#2	g/cm3
	granite #3		g/cm3	basalt	#3	g/cm

Analysis & Conclusion: (Remember to answer your hypothesis.)						
Claim – Evidence - Reasoning						
Claim:						
Evidence:						
Reasoning:						