entifying Variables Worksheet #1 (Page 1	1)		
	Name:	Date:	Block:
rections: For the following experiments in	dentify the variables	s and the control/experimen	ıtal group.
Different rose bushes are grown in a number of flowers on each bush is or the control of th			
Independent Manipulated Variable			
Dependent Responding Variable			
Constants			
Control Group			
Experimental Group			
2. You water three sunflower plants with A fourth plant receives pure water. After	-		ation of salt solution.
Independent Manipulated Variable			
Dependent Responding Variable			
Constants			
Control Group			
Experimental Group			
3. Three redwood trees are kept at different 12 weeks. One tree is left outside in nor			e a week.
Independent Manipulated Variable			
Dependent Responding Variable			
Constants			
Control Group			
Experimental Group			
4. Pea plant clones are given different am 400 milliliters a day. The second pea pl milliliters a day. The fourth pea plant de receiving water. The height of pea plant	ant receives 200 milli oes not receive any ex	liters a day. The third pea plai	nt receives 100
Independent Manipulated Variable			
Dependent Responding Variable			
Constants			
Control Group			
Experimental Group			

Identifying Variables Worksheet #1 (Page 2)

Ind	lependent Manipulated Variable
De	pendent Responding Variable
Coı	nstants
Coı	ntrol Group
Exp	perimental Group
6.	You decide to clean the bathroom. You notice that the shower is covered in a strange green slime. You decide to try to get rid of this slime by adding lemonade. You spray half of the shower with lemonade and spray the other half of the shower with water. After 3 days of spraying equal amounts 3 times a day, there is no change in the appearance of the green slime on either side of the shower.
Ind	lependent Manipulated Variable
De	pendent Responding Variable
Coı	nstants
Coı	ntrol Group
Exp	perimental Group
	You decide to clean your bedroom. You notice that your floor is covered with clothes. You decide to try to get rid of the clothes by throwing the clothes into the air. You throw clothes from a $1/3$ of the room into the closet and a second $1/3$ of the room straight up in the air. The last $1/3$ of the room you leave the clothes on the floor. After 30 minutes of "cleaning", the floor of the room is now visible.
Ind	lependent Manipulated Variable
-	pendent Responding Variable
	nstants
	ntrol Group
Exp	perimental Group
8.	You want to test which size of soccer (football) ball is easiest to juggle with your feet. You test a size 3, size 4 and a size 5 ball. You count the seconds the ball stays in the air for each of the trials. You allow yourself to use both of your feet, knees, and head to juggle the ball.
Ind	lependent Manipulated Variable
De	pendent Responding Variable
Coi	nstants
	ntrol Group
Exp	perimental Group

5. One tank of gold fish is fed the normal amount of food once a day, a second tank is fed twice a day, and a third tank four times a day during a six week study. The mass of each fish is recorded daily.