	ology entific	Name: : Method Practice	Period
Directions: Read the passages and fill in the information beneath them.			
Ba	sic pra	ctice:	
	a)	Angelo wants to find out if the color of his mom's hummingbird fee number of birds that feed from it.	der is related to the
		Independent Variable	
		Dependent Variable	
	b)	Amy wants to know if her plants will grow bigger if they are given in	more fertilizer.
		Independent Variable	
		Dependent Variable	
1)	1) We want to find out if the amount of time that students study is related to their quiz scores		their quiz scores.
	Questi	ion:	
Hypothesis:		hesis:	
	Contro	ol group:	
	Exper	imental group:	
	Consta	ants:	
	Indep	endent Variable:	
	Depen	ident Variable:	
	Examp	ples of potential quantitative data:	
	Examp	ples of potential qualitative data:	
2)		el heard that adding acetone to his gasoline would increase the gas r nd decides to test it.	nileage that his car

Question:

	Hypothesis:	
	Control group:	
	Experimental group:	
	Constants:	
	Independent Variable:	
	Dependent Variable:	
	Examples of potential quantitative data:	
	Examples of potential qualitative data:	
3)	A group of college students were given a short course in speed-reading. The instructor was curious if a monetary (money) incentive would influence performance on a reading test tak at the end of the course. Half of the students were offered \$5 dollars for obtaining a certain level of performance on the test, the other half were not offered money and were not made aware that others were.	
	Question:	
	Hypothesis:	
	Control group:	
	Experimental group:	
	Constants:	
	Independent Variable:	
	Dependent Variable:	
	Examples of potential quantitative data:	
	Examples of potential qualitative data:	