Name So	NOISE	4
Mr. Schlansl	ky	

Date	
Algebra II	

Designing Controlled Experiments

1.	A high school wants to determine if taking a Regents Review course causes students to score higher on the Common Core Geometry Regents Exam. Describe a controlled experiment that can be created to test this hypothesis. (MICHANDEL & Select G Sample of Students of Students (ASSAM) with the a theorem of the formulation of the formulatio
2.	A company created a pill that is supposed to reduce the length of the common cold. Describe
	a controlled experiment to test this hymothesis
	fundantly select a sample of people who have colds fundantly select a sample of people who have colds fundantly cessign that to a control grap and hat to a theatment growp and a placebo to the control grap give the pill to the treatment growp and a placebo to the control grap
	1911 Select a sample of frequent and
	Condinate cession hat to a contra gray and hat to a therman your
	The the theatment growp and a placebo to the control of all
	give the pin
	Anglaze the actif
3.	A farm is experimenting with a drug to increase the size of its chickens. Describe a
	controlled experiment that can be performed to see if this drug is effective
	randonly select a sample of ancions candonly assign nulf to a control grow and half to a theatment growp. give the dry to the treatment growp and a placebo to the control group
	1 grant of Planter W concerns
	Gandanta assign natt to a contra gray and mais to a free for
	avio The dipa to the treatment grow and a placebo to the control group
	give The Mala
	analyze the dota
	Describe how a controlled experiment can be created to examine the effect of ingredient X in
	a toothpaste.
	Candonly select a sample of peade
	Junory select a sample of people
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	give toothposle with the ingledient to treatment guid, give toothposle without the ingledient to the control good
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	without the Meyledient to the control good
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٥.	sunlight. Describe a controlled experiment that Todd could create to determine if the magic	
	fandomly select plants of them to treatment gos and half to conta	1 000
	landong assay ngt of them to theatment your and ngit to come	n ghis.
	plant theatment goop in "magic soil" plant control grow in legilar soil	
	analyze the data	
6.	. Milk Makers is a company that makes cookies that are supposed to increase the amount of	
	milk that mothers of newborns produce. Phil believes that the cookies do not increase the	
	amount of milk and that the company is trying to take advantage of women. Describe a controlled experiment that can be performed to determine if Milk Makers cookies are	
	effective.	
	pandomly select nuising would gover and half to treatment grown give treatment grown milknakers and give control group regular considers	
	condomly assign half to contact give and half to treatment grows	
	give treatment gray milknakers and gus antiol group reglar withes	
	analozo desce	
7.	Bic is experimenting with a new type of pen that is supposed to last longer than other pens.	
	lasts longer.	
	bandoning select or gran or frame	
	fancionly assign nat to a control (grow) and hard and hard and provided	
	9 We have for to treatment group and standard per to contractor	
	Describe a controlled experiment that can be created to determine if this type of pen in fact lasts longer. Sandonly Schot a good of feather form and hat to a day theatment good good and standard from to Control grown and standard from to Control grown and year and year and year and year and year and year.	
8	A company is marketing a type of razor that is supposed to increase the amount of time	
٥.	between shaving. Describe a controlled experiment that can be created to determine if this	
	razor is effective.	
	randomly soloct men to participate in extension,	
	hill control and half to Heatment 9 has	
	Pandonly cessign that to continue of the and with the	
	between shaving. Describe a controlled experiment that can be created to determine if this razor is effective. (and only select min to participate in expension for the fact ment graph and half to theatment graph and standard razor to Gentsol graph and standard razor to Gentsol graph and graph and standard razor to Gentsol graph and g	2
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