## Sam Tenney

## "The Art of Oreo Dunking"

- The response variable is the absorption of the milk in 10 seconds based on the type of cookie, or in other words, the difference in weight (in grams) before and after dunking based on the type of cookie. The treatment factor is the type of cookie used for dunking, the different levels being Regular, Trader Joes, and Double Stuffed.
- 2. This study is an experiment because we assigned the treatment groups (type of cookies used) and established the controls (type of milk, amount of milk, etc.).

3.

Check Sheet:		3-3-13-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
	1 Noncombrane	Factor Level	Weight Before	esponse Weight Afte
Run	Experiment	Trader Joe's	19.69	24.69
1	12	Double Stuf	20,36	24.43
3	11	DonbleShif	19.92	24.96
3	6	Trader Joe's	18.2	23.61
1 5	4	Regular	16.17	23,43
2 2	3	Regular	16.62	22.09
7	7	Double Stut	20.31	25.92
8		Regular	16.27	27.77
9	10	Double Shif	20,14	26.00
10	7	Trader Joe's	18.97	23.54
R	5	Trader Joe's	18.56	22.96
12	2	Regular	16.66	22.15
				22.13
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