

3.2 - Exploring Sample Size
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Census -

Sample -

Representative Sample -

Prompts A - C

Sample #	Chocolate	Strawberry	Vanilla
1			
2			
3			
4			
5			

D. Based on your results, predict the preferences for the population. How confident are you in your prediction? Why?

E1. Each sample will be five slips.

Sample #	Chocolate	Strawberry	Vanilla
1			
2			
3			
4			
5			

E2. Each sample will be 10 slips.

Sample #	Chocolate	Strawberry	Vanilla
1			
2			
3			
4			
5			

F. Ask the class to determine the actual preferences of the whole class.

The whole class results were: Chocolate ____ Vanilla ____ Strawberry ____

Based on the class preferences, which sample size gave you the best prediction? Did you expect this?

G. Is your class a **representative sample** of the whole school? Explain.
