Inferences Unit
Food Service Survey Task

The school food service wants to increase the number of students who eat hot lunch in the cafeteria. The student council has been asked to conduct a survey of the student body to determine the students' preferences for hot lunch. They have determined three different ways to do the survey. The three methods are listed below.

Method #1: Write all of the students' names on cards and put them in a hat. Draw cards from the hat to determine who will complete the survey.

Method #2: Survey the first 20 students who enter the lunchroom.

Method #3: Survey every 3rd student who gets off a bus.

You must:

a) Decide if each survey option would produce a random sample.
b) Explain your decision for each method
c) State which survey option you think the student council should use.

	Does this method produce a random sample? (a)	Explanation for why you think this will or will not produce a random sample. Use *facts* to back your opinions. (b)
Method #1		
Method #2		
Method #3		

(c) Which option do you think the student council should use?