Math 9		Name:
8.3 - Sampling Methods		Date:
When it is not possible to survey the entire Population, we can choose a SAMPLE from the Population. Here are some methods for creating the sample:		
Simple Random Example:	Each member of the population has an equal ch	nance of being selected.
Systematic/Interval Example:	Every n^{th} member of the population is selected.	
Cluster Example:	A random GROUP is selected from the Population polled.	on and every member of the group is
Self-Selected Example:	Only members of the Population that are intere	ested/volunteer are polled.
Convenience Example:	Only members of the Population that are conve	nient to include are selected.
Stratified Random Example:	Some members from EACH group of the popula	tion are selected.

follow	The Student Council would like to determine if students would like the cafeteria to have longer hours. The ring sampling strategies were suggested. For each strategy, determine the sampling method and explain per it would be appropriate or not.
a.	Every student's name is placed in a box and 100 students are selected randomly.
b.	Every 5 th student entering the school in the morning is selected.
C.	Each person on the Leadership Team asks his/her friend.
d.	An announcement is made, inviting students who wish to participate to fill a ballot.
e.	Every student in grade 10 is polled.
f.	20 students are selected from each grade level.
packa	A company packages boxes of Granola bars. The quality-control manager wants to tests the quality of the ging for one week, so he orders that all packages produced on Monday be tested. his a good method to ensure quality control? Explain.
b. Sug	ggest 2 other methods of sampling that would be appropriate. Explain why each is appropriate.