Name:

Solve each problem.

1) During a class election a teacher wanted to predict who would win. To do this she took a sample of students from each class and asked who they would vote for. The results are shown below:

Sample #	1	2	3	4	5	6	7	8
Candidate A	7	4	6	3	7	4	4	6
Candidate B	7	5	7	6	6	6	7	7

Based on the information presented can you infer anything about who will win the election?

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2) For a canned food drive there were 3 types of cans vegetables donated: peas, carrots and green beans. To estimate how many of each type were donated, you pull out a sample. The results are shown below:

S #	1	2	3	4	5
peas	34	33	31	34	32
carrots	40	39	41	41	42
green beans	22	22	26	21	20

Based on the information presented can you infer anything about the types of cans donated?

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3) A pizzeria owner was trying to determine which types of meat he should stock the most of for his new store. To do this he asked several pizza eaters what their favorite toppings were. His results are shown below:

S #	1	2	3	4	5
Pepperoni	19	19	20	21	22
Sausage	22	21	21	20	18
Ham	18	21	21	20	19

Based on the information presented what can you infer about which type of meat he should stock?

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1) During a class election a teacher wanted to predict who would win. To do this she took a sample of students from each class and asked who they would vote for. The results are shown below:

Sample #	1	2	3	4	5	6	7	8
Candidate A	7	4	6	3	7	4	4	6
Candidate B	7	5	7	6	6	6	7	7

Based on the information presented can you infer anything about who will win the election?

Based on the information presented and the small samples gathered it is impossible to make any meaningful assumptions.

2) For a canned food drive there were 3 types of cans vegetables donated: peas, carrots and green beans. To estimate how many of each type were donated, you pull out a sample. The results are shown below:

S #	1	2	3	4	5
peas	34	33	31	34	32
carrots	40	39	41	41	42
green beans	22	22	26	21	20

Based on the information presented can you infer anything about the types of cans donated?

Based on the information presented there will be more carrots donated than peas or green beans.

3) A pizzeria owner was trying to determine which types of meat he should stock the most of for his new store. To do this he asked several pizza eaters what their favorite toppings were. His results are shown below:

S #	1	2	3	4	5
Pepperoni	19	19	20	21	22
Sausage	22	21	21	20	18
Ham	18	21	21	20	19

Based on the information presented what can you infer about which type of meat he should stock?

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about which type of meat he should stock the most of.