Name: _____

Solve each problem.

1) 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:

Array #	1	2
Pepperoni	4	5
Sausage	4	7
Ham	6	4

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

_____

_____

_____

2) A store manager was trying to figure out how many people did their shopping online compared to doing it in stores. To do this she polled several houses in the nearby neighborhoods. The results are shown below:

Array #	1	2	3	4	5	6
Online	48	50	50	50	52	50
In-Store	40	42	41	43	40	40

Based on the information presented can you infer anything about the number of people who did their shopping online vs. in-store?

_____

_____

_____

3) 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:

Array #	1	2	3	4	5	6	7
Candidate A	42	41	42	38	41	40	42
Candidate B	38	40	38	39	41	39	42

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

_____

_____

_____

1-3 | 67 | 33 | 0 |

Name: **Answer Key**

Solve each problem.

1) 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:

Array #	1	2
Pepperoni	4	5
Sausage	4	7
Ham	6	4

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

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

2) A store manager was trying to figure out how many people did their shopping online compared to doing it in stores. To do this she polled several houses in the nearby neighborhoods. The results are shown below:

Array #	1	2	3	4	5	6
Online	48	50	50	50	52	50
In-Store	40	42	41	43	40	40

Based on the information presented can you infer anything about the number of people who did their shopping online vs. in-store?

Based on the information presented there will be 18% more people shopped Online.

3) 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:

Array #	1	2	3	4	5	6	7
Candidate A	42	41	42	38	41	40	42
Candidate B	38	40	38	39	41	39	42

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

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about who will win.

Math

1-3 | 67 | 33 | 0