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
Candidate A	48	48	49	48	50
Candidate B	52	51	50	51	52

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.

2) In a lake there are 3 types of fish: minnows, goldfish and sunfish. A fisherman wanted to estimate how many of each type there were. He scooped up several nets full and recorded his results (shown below).

Sample #	1	2	3	4	5	6	7
minnows	31	28	30	28	28	29	30
goldfish	30	30	32	30	28	30	28
sunfish	30	32	32	28	28	28	30

Based on the information presented can you infer anything about the number of different types of fish in the lake?

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about the types of fish.

3) A car company was trying to figure out if more men or more women purchased yellow cars. To do this they polled all the customer who bought a yellow car in the last month. Their results are shown below:

Sample #	1	2	3	4	5	6	7	8
Men	41	40	41	44	42	43	41	42
Women	49	50	51	48	52	49	52	51

Based on the information presented what can you infer about who bought yellow cars?

Based on the information presented 16% more Women bought yellow cars.

Math

1-3 | 67 | 33 | 0

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