Solve each problem.

1) 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:

Sample #	1	2	3	4	5
Online	51	50	51	52	48
In-Store	43	41	44	41	44

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

2) At the football game a vendor was trying to determine if Coke or Pepsi sold better. To do this he asked several rows of attendees which flavor they bought. His results are shown below:

S #	1	2	3	4	5
Coke	50	48	48	51	51
Pepsi	49	52	52	52	50

Based on the information presented what can you infer about the types of soda sold?

3) A dentists was trying to determine if more boys or girls had cavities. He checked the visits from the last month and his results are shown below:

S #	1	2
Boys	1	1
Girls	2	2

Based on the information presented what can you infer about who had cavities?

Solve each problem.

1) 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:

Sample #	1	2	3	4	5
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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 15% more people shopped Online.

2) At the football game a vendor was trying to determine if Coke or Pepsi sold better. To do this he asked several rows of attendees which flavor they bought. His results are shown below:

S #	1	2	3	4	5
Coke	50	48	48	51	51
Pepsi	49	52	52	52	50

Based on the information presented what can you infer about the types of soda sold?

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about which type of soda sold better.

3) A dentists was trying to determine if more boys or girls had cavities. He checked the visits from the last month and his results are shown below:

S #	1	2
Boys	1	1
Girls	2	2

Based on the information presented what can you infer about who had cavities?

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