Solve each problem.

1) In order to determine which type of sweets he should keep the most of in his shop a baker logged every 5th customers order. His findings are shown below:

Sample #	1	2	3	4	5	6	7
Cookies	5	4	5	3	6	3	7
Brownies	6	4	7	3	4	7	3
Cupcakes	4	6	4	6	6	3	5

Based on the information presented what can you infer about which type 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:

Sample #	1	2	3	4	5	6	7
Online	19	18	22	21	19	20	22
In-Store	21	21	19	21	19	22	22

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

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about where people shop.

3) An ad agency was trying to determine if customers liked blue, green or red packaging better. To do this they took a sample of customers and polled them. The results are shown below:

Sample #	1	2
Red	5	3
Green	2	6
Blue	2	4

Based on the information presented can you infer anything about which color is liked the best?

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

Examining Samples Name: **Answer Key**

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