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
Online	3	3
In-Store	3	0

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 and the small samples gathered it is impossible to make any meaningful assumptions.

2) 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	44	45	43	44	44	40	44
Brownies	60	60	60	59	58	62	61
Cupcakes	51	53	53	53	51	53	53

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

Based on the information presented he should keep more Brownies than Cookies or Cupcakes.

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	3	4	5	6	7
Red	29	28	32	31	30	28	28
Green	28	32	31	29	31	28	32
Blue	28	31	29	30	32	30	29

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

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about the color customers liked.

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