



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:

Sample #	1	2	3	4	5	6	7	8
Pepperoni	20	23	21	23	22	21	23	24
Sausage	15	11	12	14	16	16	10	12
Ham	31	32	31	31	29	31	30	32

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

Based on the information presented he should stock more Ham than Pepperoni or Sausage.

- 2) 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
Red	30	30	29	31	31
Green	32	29	29	29	28
Blue	30	30	30	28	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.

- 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:

Sample #	1	2	3	4	5	6
Candidate A	22	18	21	19	18	21
Candidate B	21	21	18	18	20	22

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.



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