Solve each problem.

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
Pepperoni	42	42	38	41	39	42	42
Sausage	42	42	39	42	38	38	40
Ham	40	39	41	39	41	39	40

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

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	6	7
Coke	22	19	22	22	22	22	19
Pepsi	22	21	19	21	20	22	18

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

3) An animal control employee wanted to estimate how many people owned cats and how many owned dogs. To do this he polled the first few houses in several neighborhoods. His findings are shown below:

S #	1	2	3	4	5	6	7
Dog	4	5	4	4	3	7	3
Cat	3	7	7	6	7	7	6

Based on the information presented what can you infer about which type of pets there are?

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

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about which type of meat he should stock the most of.

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Based on the information presented what can you infer about which type of pets there are?

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