



Solve each problem.

- 1) 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:

Array #	1	2
Candidate A	3	4
Candidate B	2	1

Based on the information presented can you infer anything about who will win the election?

- 2) In a library there was a donation box for books. A librarian wanted to estimate how many fiction and how many non-fiction books were in the box so she pulled out a sample. The results are shown below:

Array #	1	2	3	4	5	6	7	8
Fiction	31	31	32	30	31	30	31	29
Non-Fiction	23	24	23	22	24	20	24	22

Based on the information presented can you infer anything about the types of books donated?

- 3) 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:

Array #	1	2	3	4	5
Coke	41	39	41	40	41
Pepsi	41	40	40	40	38

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



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Array #	1	2
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Based on the information presented can you infer anything about who will win the election?

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

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Based on the information presented can you infer anything about the types of books donated?

Based on the information presented there will be 25% more Fiction books donated.

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Array #	1	2	3	4	5
Coke	41	39	41	40	41
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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.