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:

Sample #	1	2	3	4	5
Candidate A	31	28	31	31	32
Candidate B	24	20	22	24	20

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

2) A carpenter has accumulated a large collection of nails, screws and bolts, which he had randomly thrown together into a bucket. Later he wanted to estimate how many of each he had. To do this he grabbed a handful from the bucket. His results are shown below.

S #	1	2
nails	4	4
screws	4	3
bolts	4	4

Based on the information presented can you infer anything about the relationship between the number of nails, screws and bolts in the bucket?

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:

S #	1	2	
Coke	4	5	
Pepsi	7	6	

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

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Based on the information presented Candidate A will have 28% more votes.

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