



Solve each problem.

- 1) 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
Cookies	19	18	18	19	20	21
Brownies	19	20	19	21	18	19
Cupcakes	19	22	21	21	21	18

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

- 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	3	4	5
nails	28	32	28	30	32
screws	30	31	31	32	31
bolts	31	30	31	28	29

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	3	4	5	6	7
Coke	51	52	51	50	49	49	49
Pepsi	42	43	44	43	44	40	40

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



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

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Based on the information presented the sales of Coke will be 15% higher than Pepsi.