



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
Pepperoni	31	30	30	28	29	28
Sausage	31	30	28	28	31	29
Ham	31	31	28	29	32	28

Based on the information presented what can you infer about which type of meat 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	6
nails	29	30	29	29	32	32
screws	32	32	31	29	28	28
bolts	32	28	28	28	29	28

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

- 3) A dentist was trying to determine if more boys or girls had cavities. He checked the visits from the last month and his results are shown below:

S #	1	2	3	4	5
Boys	59	61	59	59	62
Girls	52	52	50	54	54

Based on the information presented what can you infer about who had cavities?



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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 who had cavities?

Based on the information presented more Boys had cavities.