Solve each problem.

1) For a canned food drive there were 3 types of cans vegetables donated: peas, carrots and green beans. To estimate how many of each type were donated, you pull out a sample. The results are shown below:

Sample #	1	2	3	4	5	6	7
peas	2	5	6	4	2	4	3
carrots	4	4	6	4	5	2	2
green beans	4	2	4	3	3	3	4

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

2) An ad agency was trying to determine if customers liked blue, green or red packaging better. To do this they took a sample of customers and polled them. The results are shown below:

S #	1	2	3	4	5	6	7
Red	20	20	22	18	22	21	22
Green	21	19	22	18	19	18	18
Blue	20	18	19	18	19	21	19

Based on the information presented can you infer anything about which color is liked the best?

3) A car company was trying to figure out if more men or more women purchased yellow cars. To do this they polled all the customer who bought a yellow car in the last month. Their results are shown below:

S #	1	2	3	4	5
Men	28	32	30	31	30
Women	21	24	21	23	21

Based on the information presented what can you infer about who bought yellow cars?

Solve each problem.

1) For a canned food drive there were 3 types of cans vegetables donated: peas, carrots and green beans. To estimate how many of each type were donated, you pull out a sample. The results are shown below:

Sample #	1	2	3	4	5	6	7
peas	2	5	6	4	2	4	3
carrots	4	4	6	4	5	2	2
green beans	4	2	4	3	3	3	4

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

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

2) An ad agency was trying to determine if customers liked blue, green or red packaging better. To do this they took a sample of customers and polled them. The results are shown below:

S #	1	2	3	4	5	6	7
Red	20	20	22	18	22	21	22
Green	21	19	22	18	19	18	18
Blue	20	18	19	18	19	21	19

Based on the information presented can you infer anything about which color is liked the best?

Because of the very small discrepancy in the quantities it is unlikely any deduction can be made about the color customers liked.

3) A car company was trying to figure out if more men or more women purchased yellow cars. To do this they polled all the customer who bought a yellow car in the last month. Their results are shown below:

S #	1	2	3	4	5
Men	28	32	30	31	30
Women	21	24	21	23	21

Based on the information presented what can you infer about who bought yellow cars?

Based on the information presented 27% more Men bought yellow cars.