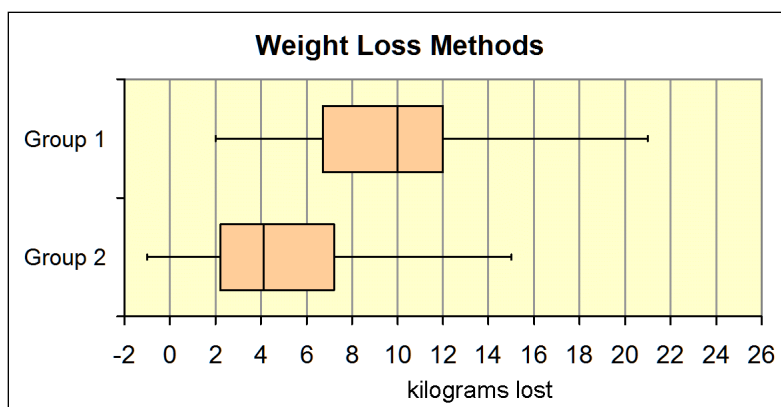


57. Gabriel randomly surveyed some households in a small community to determine how many of them support building a new highway near the community. Here are the results:

Opinion	Number
Support the highway	45
Do not support it	57
No opinion	18

If the community contains a total of 2 120 households, predict how many of them would support building the highway.

58. Researchers compared two different methods for losing weight by assigning 50 overweight people to use each method. The side-by-side boxplots show how many kilograms people in each Group lost.



- Just looking at the two distributions, which group, if any, appears to have lost more weight?
- Which group, if any, appears to have a greater variability in the amount of weight lost?
- In Group 2, there is one person whose weight loss was -1 kilogram. What does that mean?
- Is one of the weight loss methods significantly better than the other?
If so, which one?
Justify your reasoning.