

4. The margin of error for a recently conducted survey was $\pm 4.5\%$. How many people were surveyed?

5. Use the data below about the heights of plants after the treatment group was given more water:

Height (inches)

Control Group	14	15.2	14.2	15	15.5	15	14.8	15.5	14.1	14.6
Treatment Group	14.3	15.3	14.8	15	15.4	15.4	14.8	15.8	14.5	14.9

a. Find the experimental difference of the means

b. What can you conclude about the treatment?

6. Describe the similarities and differences between the stratified and cluster samples.