EXERCISES 1

LAXMINARAYEN

EXERCISE 1

- Find the median of the set = { 2,4,4,3,8,67,23 }
- Find the median of the set = { 11,22,33,55,66,99 }
- Find the median of a series of all the even terms from 4 to 296.

EXERCISE 2

- The owner of the Ches Tahoe restaurant is interested in how much people spend at the restaurant. He examines 10 randomly selected receipts for parties of four and writes down the following data.
- 44, 50, 38, 96, 42, 47, 40, 39, 46, 50

EXERCISE 3

- **Example 7:** Which of the following sequences have the highest S.D.
- 2,4,6,8
- 3,6,9,12
- 4,8,12,16
- 1,2,3,4

EXERCISE 4

- **Example 9:** Find the mean, median, mode, and range for the following list of values: 13, 18, 13, 14, 13, 16, 14, 21, 13

EXERCISE 5

- A sequence consists of 9 terms. The standard deviation of the sequence is 50. If 10 is added to each term, and then each term is multiplied by -2. Find the new S.D.

EXERCISE 6

- A student has gotten the following grades on his tests: 87, 95, 76, and 88. He wants an 85 or better overall. What is the minimum grade he must get on the last test in order to achieve that average?

EXERCISE 7

- In a sequence of 25 terms, can 20 terms be below the average? Can 20 terms be between median and average?