

# K Education Centre

## KS3 Year 9 Mathematics

Data Analysis Assignment -1

Assignment Questions

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Q1: Find the mean, median, range and mode of the following data set

3, 6, 18, 18, 5, 4, 1, 14

Q2: The frequency table below shows the number of brothers 12 students had:

| Number of Brothers | Frequency |
|--------------------|-----------|
| 0                  | 6         |
| 1                  | 4         |
| 2                  | 2         |
| 3                  | 2         |

Find the mean, median and mode of the above data set.

Q3: Find the mean score for the marks of 40 students in a maths test.

| Marks  | Number of students (frequency) |
|--------|--------------------------------|
| 1-5    | 4                              |
| 6 – 10 | 6                              |
| 11-15  | 15                             |
| 16- 20 | 10                             |
| 21-25  | 5                              |

Q4: Find the mean of the following group of data.

| Weight           | Frequency |
|------------------|-----------|
| $25 \leq w < 30$ | 8         |
| $30 \leq w < 35$ | 10        |
| $35 \leq w < 40$ | 16        |
| $40 \leq w < 45$ | 8         |
| $45 \leq w < 50$ | 9         |