

# K Education Centre

## GCSE Maths - Higher

Statistical diagrams and Averages - 1

Assignment Questions

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Year 2022

## Statistical diagrams and Averages - 1

Q1 : Following is the results of Year 9 students in two sections :

Grades					
Year 9	4	5	6	7	Total
Section - A	20	25	30	35	110
Section - B	15	20	20	10	65

Draw the pie charts for above year and compare the performance of two section at each grade level.

Q2 : Table below shows the maximum and minimum temperature in New York over a week time period.

Days	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Maximum	12	14	16	15	16	14	10
Minimum	5	7	8	9	5	4	5

- Draw the line graphs on same axis to show maximum and minimum temperatures.
- Work out the smallest and greatest difference between maximum and minimum temperatures,

Q3 : These are the marks of 12 students in an examination hall ,

63 , 52 , 72 , 85 , 90 , 55 , 60 , 50 , 70 , 75 , 45 , 65

- Find the median
- Find the mean marks
- Find the range
- Work out the mode.