

Central Tendency Practise

For each of the following data sets you need to work out the Mean, Median and Mode

Data Set 1	5	7	7	9	10	11	12	14	15	17
Data Set 2	5	7	7	9	10	11	12	14	15	40
Data Set 3	2	2	2	3	4	6	7	7	7	9
Data Set 4	White	White	Blue	Blue	Blue	Red	Red	Red	Red	Red

After you have worked out these values consider what the advantages and disadvantages are, you need to consider the following features for each.

POWER/REPRESENTATIVENESS: How much of the data does it use?

EASE: How simple was it to calculate?

APPROPRIATENESS: Can it be used for all data?

SENSITIVITY/DISTORTION: Is it effected much by outlining scores?

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