

A Selection of Word Problems for Mean, Mode, Median, Range
Mean = Total Sum / Total Scores Mode = Most Frequent Score
Median is the Physical Middle Number Range = High - Low

1. A selection of Quiz scores are somewhat good and provided as: : 6, 5, 8, 6, 5, 3, 5, 4, 3, 8, 7, 6, 9
 Rank numbers from High to Low! Determine Mode & Median **then** Mean and Range!
 Round off all calculated values to nearest hundred is necessary!
 Remember to double check (redo or complete twice) all calculations!
 Ranking of Scores: 9, 8, 8, 7, 6, 6, 6, 5, 5, 5, 4, 3
 Mode is 6 & 5 Median is 6 Mean = $75 / 13 = 5.77$ Range = $9-3 = 6$

2. A selection of Test scores are pretty good and provided as: 73, 75, 82, 64, 71, 85, 90, 58, 62, 87
 Rank numbers from High to Low! Determine Mode & Median **then** Mean and Range!
 Round off all calculated values to nearest hundred is necessary!
 Remember to double check (redo or complete twice) all calculations!
 Ranking of Scores: 90, 87, 85, 82, 75, 73, 71, 64, 62, 58
 Mode does not exist Median is $(75+73)/2 = 74$ Mean = $747 / 10 = 7.47$ Range = $90-58 = 32$

3. A selection of Quiz scores are not so good and provided as: 6, 4, 8, 6, 5, 4, 5, 7, 7, 9, 7, 7
 Rank numbers from High to Low! Determine Mode & Median **then** Mean and Range!
 Round off all calculated values to nearest hundred is necessary!
 Remember to double check (redo or complete twice) all calculations!
 Ranking of Scores: 9, 8, 7, 7, 7, 7, 6, 6, 5, 5, 4, 4
 Mode is 7 Median is $(7+6)/2=6.5$ Mean = $75 / 12 = 6.25$ Range = $9-4 = 5$

4. A selection of Test scores are very good and provided as: 79, 77, 82, 94, 94, 85, 96, 78, 73, 87, 90
 Rank numbers from High to Low! Determine Mode & Median **then** Mean and Range!
 Round off the Mean and/or Range to nearest hundred is necessary for either!
 Remember to double check (redo or complete twice) all calculations!
 Ranking of Scores: 96, 94, 94, 90, 87, 85, 82, 79, 78, 77, 73
 Mode 94 Median is 82 Mean = $935 / 11 = 9.35$ Range = $96-73 = 23$

5. A selection of Quiz scores are not so good and provided as: 6, 5, 6, 5, 3, 6, 5, 7, 6, 3
 Rank numbers from High to Low! Determine Mode & Median **then** Mean and Range!
 Round off the Mean and/or Range to nearest hundred is necessary for either!
 Remember to double check (redo or complete twice) all calculations!
 Ranking of Scores: 7, 6, 6, 6, 6, 5, 5, 5, 3, 3
 Mode is 6 Median is $(6+5)/2=5.5$ Mean = $52 / 8 = 6.5$ Range = $7-3 = 4$

6. A selection of IQ scores which are pretty good and provided as: 123, 105, 102, 114, 101, 115, 120
 Rank numbers from High to Low! Determine Mode & Median **then** Mean and Range!
 Round off the Mean and/or Range to nearest hundred is necessary for either!
 Remember to double check (redo or complete twice) all calculations!
 Ranking of Scores: 123, 120, 115, 114, 105, 102, 101
 Mode does not exist Median is 114 Mean = $780 / 7 = 111.43$ Range = $123-101 = 22$