

**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 =  $123-101 = 22$