

Name _____

Date _____

Topic : Central Tendency and Dispersion - Worksheet 1

In an examination the 10 students receive scores out of a possible 25.

12, 10 ,20 ,15 , 17, 19, 12, 13, 18, 22



1. Find the mean.
2. Find the median.
3. Find the mode.
4. What is the maximum score received by a student?
5. What is the minimum score received by a student?
6. What is the range of the marks obtained by the students?
7. For the data set: {12,15, 13, 17, 18} find the inter quartile range.
8. For the data set: {22,19, 18, 12, 10} find the third quartile.
9. For the data set:{22,15, 13, 12, 17}find the first quartile.
10. For the data set:{12,15, 22, 19, 10}find the inter quartile range.



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Topic : Central Tendency and Dispersion - Worksheet 2

In an examination the 14 students receive scores out of a possible 22.

19, 9, 8, 16, 9, 11, 13, 14, 17, 21, 20, 10, 18, 15

1. Find the mean.
2. Find the median.
3. Find the mode.
4. What is the maximum score received by a student?
5. What is the minimum score received by a student?
6. What is the range of the marks obtained by the students?
7. For the data set: {9,16, 11, 14, 20} find the inter quartile range.
8. For the data set: {13,20, 19, 18, 15} find the third quartile.
9. For the data set: {20,21, 19, 18, 17} find the first quartile.
10. For the data set: {9,10, 11, 13, 14} find the inter quartile range.



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Topic : Central Tendency and Dispersion - Worksheet 3

In an examination the 20 students receive scores out of a possible 30.

14, 17, 21, 20, 10, 18, 15, 12, 23, 28, 25, 29, 22, 19, 9, 8, 16, 9, 11, 13

1. Find the mean.
2. Find the median.
3. Find the mode.
4. What is the maximum score received by a student?
5. What is the minimum score received by a student?
6. What is the range of the marks obtained by the students?
7. For the data set: {22,12, 9, 15, 23} find the inter quartile range.
8. For the data set: {14,20, 17, 23, 16} find the third quartile.
9. For the data set:{9,8, 12, 18, 21}find the first quartile.
10. For the data set:{19,15, 28, 13, 29}find the inter quartile range.



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Topic : Central Tendency and Dispersion - Worksheet 4

In an examination the 20 students receive scores out of a possible 15.

2, 4, 14, 13, 11, 8, 9, 10, 2, 3, 3, 5, 6, 8, 9, 7, 12, 13, 14, 15

1. Find the mean.
2. Find the median.
3. Find the mode.
4. What is the maximum score received by a student?
5. What is the minimum score received by a student?
6. What is the range of the marks obtained by the students?
7. For the data set: { 14, 2, 8, 3, 7}find the inter quartile range.
8. For the data set:{5,9, 6, 13, 15}find the third quartile.
9. For the data set:{11,13, 14, 15, 8}find the first quartile.
10. For the data set:{2,4, 3, 6, 5}find the inter quartile range.



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Topic : Central Tendency and Dispersion - Worksheet 5

In an examination the 18 students receive scores out of a possible 20.

12, 8, 11, 10, 6, 7, 10, 13, 14, 5, 9, 18, 17, 16, 15, 3, 11, 11

1. Find the mean.
2. Find the median.
3. Find the mode.
4. What is the maximum score received by a student?
5. What is the minimum score received by a student?
6. What is the range of the marks obtained by the students?
7. For the data set: { 12, 6, 9, 5, 11} find the inter quartile range.
8. For the data set: {10,8, 14, 17, 7} find the third quartile.
9. For the data set: {14,11, 9, 3, 12} find the first quartile.
10. For the data set: {3,8, 9, 11, 5} find the inter quartile range.

