

# Probability and Statistics

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Calculate the Mean, Median, Mode, and Range for Each Data Set.**

- 1) 17.8, 5.91, 12.50, 5.71, 3.9, 7.91, 9.33,  
11.20, 8.54, 12.50, 13.3, 5.10, 19.81

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 2) 14.49, 4.79, 13.76, 4.79, 3.46, 6.60, 6.60,  
10.75

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 3) 17.83, 11.8, 12.49, 1.99, 15.7, 15.7

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 4) 8.9, 3.12, 4.56, 1.08, 6.71, 19.37, 4.01, 14.8,  
4.01, 8.97, 6.8, 2.22, 9.44

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 5) 7.9, 18.6, 3.53, 4.9, 17.58, 16.69, 16.69,  
12.95, 1.1, 18.74, 8.33, 11.25, 7.5

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 6) 17.09, 5.4, 10.56, 18.02, 11.38, 7.6, 9.83,  
7.6

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 7) 18.5, 14.24, 5.9, 12.59, 3.98, 5.9, 15.19

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 8) 16.07, 8.06, 10.83, 12.8, 15.55, 12.8, 16.87,  
9.16, 5.69, 2.5, 6.31, 15.6

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 9) 14.07, 2.14, 17.65, 9.1, 5.63, 11.47, 3.29,  
11.47, 9.1, 6.89, 6.73, 1.5, 10.42, 16.4

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

- 10) 18.7, 18.82, 11.23, 13.75, 13.75, 1.3, 1.58,  
6.10, 11.88

Mean: \_\_\_\_\_ Median: \_\_\_\_\_

Mode: \_\_\_\_\_ Range: \_\_\_\_\_

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**Calculate the Mean, Median, Mode, and Range for Each Data Set.**

- 1) 17.8, 5.91, 12.50, 5.71, 3.9, 7.91, 9.33,  
11.20, 8.54, 12.50, 13.3, 5.10, 19.81

Mean: 10.27 Median: 9.33

Mode: 12.50 Range: 15.91

- 2) 14.49, 4.79, 13.76, 4.79, 3.46, 6.60, 6.60,  
10.75

Mean: 8.155 Median: 6.6

Mode: 4.79, 6.60 Range: 11.03

- 3) 17.83, 11.8, 12.49, 1.99, 15.7, 15.7

Mean: 12.585 Median: 14.095

Mode: 15.7 Range: 15.84

- 4) 8.9, 3.12, 4.56, 1.08, 6.71, 19.37, 4.01, 14.8,  
4.01, 8.97, 6.8, 2.22, 9.44

Mean: 7.23 Median: 6.71

Mode: 4.01 Range: 18.29

- 5) 7.9, 18.6, 3.53, 4.9, 17.58, 16.69, 16.69,  
12.95, 1.1, 18.74, 8.33, 11.25, 7.5

Mean: 10.99 Median: 10.125

Mode: 16.69 Range: 17.64

- 6) 17.09, 5.4, 10.56, 18.02, 11.38, 7.6, 9.83,  
7.6

Mean: 10.935 Median: 10.195

Mode: 7.6 Range: 12.62

- 7) 18.5, 14.24, 5.9, 12.59, 3.98, 5.9, 15.19

Mean: 10.9 Median: 12.59

Mode: 5.9 Range: 14.52

- 8) 16.07, 8.06, 10.83, 12.8, 15.55, 12.8, 16.87,  
9.16, 5.69, 2.5, 6.31, 15.6

Mean: 11.02 Median: 11.815

Mode: 12.8 Range: 14.37

- 9) 14.07, 2.14, 17.65, 9.1, 5.63, 11.47, 3.29,  
11.47, 9.1, 6.89, 6.73, 1.5, 10.42, 16.4

Mean: 8.99 Median: 9.1

Mode: 9.1, 11.47 Range: 16.15

- 10) 18.7, 18.82, 11.23, 13.75, 13.75, 1.3, 1.58,  
6.10, 11.88

Mean: 10.79 Median: 11.88

Mode: 13.75 Range: 17.52