

Math 6 - Unit 6: Statistics

Mean, Median, Mode & Range Practice

Name: _____

Class Period: 1 2 3 4 Date: _____

Find the **Mean, Median, Mode, Range, and IQR** for the following sets of data.

1) 10, 12, 11, 6, 9, 9, 17, 14

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

6) 18, 20, 14, 14, 10, 16, 20

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

2) 17, 13, 17, 17, 7, 7, 10, 15, 11, 16

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

7) 20, 6, 17, 11, 9, 15

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

3) 16, 6, 8, 18, 17

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

8) 7, 10, 9, 18, 18, 19, 18, 19, 8, 14

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

4) 1, 2, 3, 4, 5, 6, 7, 8, 9

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

9) 17, 16, 14, 19, 14, 16

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

5) 125, 1, 10, 15, 25

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

10) 15, 13, 14, 17, 19, 9, 7, 7, 16

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____ Total: _____

Find the **Mean**, **Median** and **Mode** for the following sets of data.

11) 76, 27, 61, 43, 74, 37

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

16) 62, 15, 77, 34, 79, 14, 26, 93

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

12) 48, 32, 47, 95, 28

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

17) 12, 73, 31, 31, 20, 57, 98

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

13) 45, 28, 16, 83, 74, 73, 56, 89

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

18) 14, 66, 37, 88, 73, 19, 77, 36, 69, 61

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

14) 79, 29, 44, 75, 31, 82, 23, 62, 79

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

19) 74, 84, 54, 42, 87, 25, 89

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

15) 40, 75, 98, 49, 71, 79, 19, 19, 81

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

20) 84, 80, 26, 36, 31, 29, 53, 56, 27, 88

Mean: _____

Median: _____

Mode: _____

Range: _____

IQR: _____

Total: _____

Math 6 - Unit 6: Statistics

Mean, Median, Mode & Range Practice

ANSWER KEY

Name: _____

Class Period: 1 2 3 4 Date: _____

Find the **Mean, Median, Mode, Range, and IQR** for the following sets of data.

1) 10, 12, 11, 6, 9, 9, 17, 14

Mean: $88 \div 8 = 11$

Median: **10.5**

Mode: **9**

Range: $17 - 6 = 11$

IQR: $13 - 9 = 4$ **Total: 41.5**

6) 18, 20, 14, 14, 10, 16, 20

Mean: $112 \div 7 = 16$

Median: **16**

Mode: **14, 20**

Range: $20 - 10 = 10$

IQR: $20 - 14 = 6$ **Total: 82**

2) 17, 13, 17, 17, 7, 7, 10, 15, 11, 16

Mean: $130 \div 10 = 13$

Median: **14**

Mode: **17**

Range: $17 - 7 = 10$

IQR: $17 - 10 = 7$ **Total: 61**

7) 20, 6, 17, 11, 9, 15

Mean: $78 \div 6 = 13$

Median: **13**

Mode: **None**

Range: $20 - 6 = 14$

IQR: $17 - 9 = 8$ **Total: 48**

3) 16, 6, 8, 18, 17

Mean: $65 \div 5 = 13$

Median: **16**

Mode: **None**

Range: $18 - 6 = 12$

IQR: $17.5 - 17 = 0.5$ **Total: 51.5**

8) 7, 10, 9, 18, 18, 19, 18, 19, 8, 14

Mean: $140 \div 10 = 14$

Median: **16**

Mode: **18**

Range: $19 - 7 = 12$

IQR: $18 - 9 = 9$ **Total: 69**

4) 1, 2, 3, 4, 5, 6, 7, 8, 9

Mean: $45 \div 9 = 5$

Median: **5**

Mode: **None**

Range: $9 - 1 = 8$

IQR: $7.5 - 2.5 = 5$ **Total: 23**

9) 17, 16, 14, 19, 14, 16

Mean: $96 \div 6 = 16$

Median: **16**

Mode: **14, 16**

Range: $19 - 14 = 5$

IQR: $17 - 14 = 3$ **Total: 56**

5) 125, 1, 10, 15, 25

Mean: $176 \div 5 = 35.2$

Median: **15**

Mode: **None**

Range: $125 - 1 = 124$

IQR: $75 - 5.5 = 69.5$ **Total: 243.7**

10) 15, 13, 14, 17, 19, 9, 7, 7, 16

Mean: $117 \div 9 = 13$

Median: **14**

Mode: **7**

Range: $19 - 7 = 12$

IQR: $16.5 - 8 = 8.5$ **Total: 54.5**

Find the **Mean**, **Median** and **Mode** for the following sets of data.

11) 76, 27, 61, 43, 74, 37

Mean: $318 \div 6 = 53$

Median: **52**

Mode: **None**

Range: $76 - 27 = 49$

IQR: $74 - 37 = 37$ **Total: 191**

16) 62, 15, 77, 34, 79, 14, 26, 93

Mean: $400 \div 8 = 50$

Median: **48**

Mode: **None**

Range: $93 - 14 = 79$

IQR: $78 - 20.5 = 57.5$ **Total: 234.5**

12) 48, 32, 47, 95, 28

Mean: $250 \div 5 = 50$

Median: **47**

Mode: **None**

Range: $95 - 28 = 67$

IQR: $71.5 - 30 = 41.5$ **Total: 205.5**

17) 12, 73, 31, 31, 20, 57, 98

Mean: $322 \div 7 = 46$

Median: **31**

Mode: **31**

Range: $98 - 12 = 86$

IQR: $73 - 20 = 53$ **Total: 247**

13) 45, 28, 16, 83, 74, 73, 56, 89

Mean: $464 \div 8 = 58$

Median: **64.5**

Mode: **None**

Range: $89 - 16 = 73$

IQR: $78.5 - 36.5 = 42$ **Total: 237.5**

18) 14, 66, 37, 88, 73, 19, 77, 36, 69, 61

Mean: $540 \div 10 = 54$

Median: **63.5**

Mode: **None**

Range: $88 - 14 = 74$

IQR: $73 - 36 = 37$ **Total: 228.5**

14) 79, 29, 44, 75, 31, 82, 23, 62, 79

Mean: $504 \div 9 = 56$

Median: **62**

Mode: **79**

Range: $82 - 23 = 59$

IQR: $79 - 30 = 49$ **Total: 305**

19) 74, 84, 54, 42, 87, 25, 89

Mean: $455 \div 7 = 65$

Median: **74**

Mode: **None**

Range: $89 - 42 = 45$

IQR: $87 - 42 = 45$ **Total: 248**

15) 40, 75, 98, 49, 71, 79, 19, 19, 81

Mean: $531 \div 9 = 59$

Median: **71**

Mode: **19**

Range: $98 - 19 = 79$

IQR: $80 - 29.5 = 50.5$ **Total: 278.5**

20) 84, 80, 26, 36, 31, 29, 53, 56, 27, 88

Mean: $510 \div 10 = 51$

Median: **44.5**

Mode: **None**

Range: $88 - 26 = 62$

IQR: $80 - 29 = 51$ **Total: 208.5**