

Mean, Median and Mode Questions

$Mean = \frac{total}{how\ many\ there\ are}$	Median = the middle number (when in order)	Mode = the most common number (or numbers)
--	---	---

Find the mean, median and mode of each of these sets of numbers

- 1) 2, 4, 4, 4, 6
- 2) 11, 11, 20, 25, 33
- 3) 1, 5, 5, 5, 5, 9, 9, 9
- 4) 4, 7, 10, 12, 12, 13, 13, 13, 15
- 5) 20, 24, 24, 27, 30

- 6) 5, 7, 7, 8, 8
- 7) 6, 6, 6, 7, 7, 10
- 8) 1, 2, 3, 4, 5, 6, 7
- 9) 1, 2, 4, 4, 9, 9, 9, 10
- 10) 1, 2, 2, 4, 4, 9, 9, 17

- 11) -7, -5, -3, 4, 4, 10
- 12) -17, -16, 17, 100

For the following questions, decide which averages better describe the set of numbers, and which are misleading... and why.

- 13) 1, 1, 3, 3, 3, 4, 5, 500
- 14) 1, 2, 3, 97, 97, 100
- 15) 4, 4, 103, 104, 105, 106

MMM Questions & Answers

Mean, Median, Mode, Range

1) 2, 4, 4, 4, 6	4, 4, 4, 4
2) 11, 11, 20, 25, 33	20, 20, 11, 22
3) 1, 5, 5, 5, 5, 9, 9, 9	6, 5, 5, 8
4) 4, 7, 10, 12, 12, 13, 13, 13, 15	11, 12, 13, 11
5) 20, 24, 24, 27, 30	25, 24, 24, 10
6) 5, 7, 7, 8, 8	7, 7, (7, 8), 3
7) 6, 6, 6, 7, 7, 10	7, 6.5, 6, 4
8) 1, 2, 3, 4, 5, 6, 7	4, 4, -, 6
9) 1, 2, 4, 4, 9, 9, 9, 10	6, 6.5, 9, 9
10) 1, 2, 2, 4, 4, 9, 9, 17	6, 4, (2, 4, 9), 16
11) -7, -5, -3, 4, 4, 10	0.5, 0.5, 4, 17
12) -17, -16, 17, 100	21, 0.5, -, 117

For the following questions, decide which averages better describe the set of numbers, and which are misleading... and why.

- | | |
|------------------------------|---|
| 13) 1, 1, 3, 3, 3, 4, 5, 500 | 65, 3, 3, 499 (mean is misleading) |
| 14) 1, 2, 3, 97, 97, 100 | 50, 50, 97, 99 (mean & median are misleading) |
| 15) 4, 4, 103, 104, 105, 106 | 71, 103.5, 4, 102 (mean & mode misleading) |