

Sort It Out

Mode, Median and Range

Sort these lists of numbers into each of the four groups.

| | | | | | |
|-----------|----------------|-----------|---------------|-----------|------------------|
| 1 | 1, 2, 3 | 2 | 1, 2, 2 | 3 | 2, 3, 5 |
| 4 | 4, 4, 5 | 5 | 0, 2, 4 | 6 | 1, 3, 5 |
| 7 | 1, 4, 5 | 8 | 4, 4, 6, 8 | 9 | 4, 5, 6, 7 |
| 10 | 4, 5, 5, 7 | 11 | 4, 4, 5, 8.5 | 12 | 5, 5, 9, 10 |
| 13 | -1, 0, 2, 2 | 14 | -3, -2, -2, 0 | 15 | -3, -3, -1, 0 |
| 16 | 1.5, 2, 3, 4 | 17 | 2, 2, 4, 4 | 18 | 0, 2, 6, 6 |
| 19 | 3, 3, 4, 5, 6 | 20 | 3, 4, 5, 6, 7 | 21 | 5, 5, 6, 7.5, 10 |
| 22 | 6, 6, 8, 8, 14 | 23 | 7, 7, 8, 8, 8 | 24 | 9, 9, 10, 11, 18 |

| | | | |
|------------------------------|---------------------------------------|--------------------------------|--|
| A | The mode and the range are the same | B | The mode and the median are the same |
| 8, 12, 18, 19, 21, 24 | | 2, 4, 10, 14, 23 | |
| C | The median and the range are the same | D | The mode, median and range are all different |
| 1, 3, 7, 11, 16, 22 | | 5, 6, 9, 13, 15, 17, 20 | |