Data Analysis - Mode, Median, Range and Mean.

Calculate the mode, range, median and mean, for the data sets below. Round to 1 d.p. if required.

1 19 , 34 , 22 , 16 , 27 , 35 , 19 , 12 , 16

Write the scores out in ascending order on this line

Mode = _____ (Mode = Most)

Median = _____ Line if even number of scores

Range = ☐ - ☐ = _____

Mean = ☐/☐ = _____

2 68 , 54 , 23 , 42 , 38 , 52 , 65 , 42 .

Mode = _____

Median = (☐ + ☐)/2 = _____

Range = _____ = _____

Mean = ☐/☐ = _____

3 240, 310, 205, 296, 240, 256, 205, 282, 310.

Mode = _____

Median = _____ = _____

Range = _____ = _____

Mean = ☐/☐ = _____

4 15, 11, -3, 12, 19, -7, 4, -10, 6, 7, 0, -3, 2, -8.

Mode = _____

Median = _____ = _____

Range = _____ = _____

Mean = ☐/☐ = _____

5 $375, $80, $210, $195, $145, $95, $110, $99.

Mode = _____

Median = _____ = _____

Range = _____ = _____

Mean = ☐/☐ = _____

Calculate the mode, range, median and mean (1 d.p.) for the ordered stem and leaf plot below.

6

Tens	Units
0	0 7 7
1	2 5 9 9
2	2 3 7
3	1
4	2 6

Mode = _____

Range = _____ = _____

Median = _____ = _____

Mean = ☐/☐ = _____

7 Mode = _____

Stem	Leaf
7	5 5 9 9
8	0 0 2
9	6 6 6 7
10	
11	3 4 8
12	1 3 5 5

Range = _____ = _____

Median = _____ = _____

Mean = ☐/☐ = _____

8

Stem	Leaf
29	5 8
30	9
31	6 6 8 8
32	0 1 1 4
33	3 3 8

Mode = _____

Range = _____ = _____

Median = _____ = _____

Mean = ☐/☐ = _____

9

Tens	Units
-2	0 6
-1	3 9 9
-0	4
0	7
1	0 5 5
2	0 2
3	6 8

Mode = _____

Range = _____ = _____

Median = _____ = _____

Mean = ☐/☐ = _____