

Calculating Mode and Range Worksheet

Solved Example:

34, 33, 32, 28, 24, 38, 34

The number 34 (twice) is the maximum in the given set.

Thus, Mode : 34

Range = Difference between the greatest and the smallest number in the given set.

Thus, Range : $38 - 24 =$ 14

Find the mode and the range of the given set of numbers. If there is no mode write 'none'.

① 6, 3, 8, 6, 6, 5, 8, 3

Mode : _____ Range : _____

② 11, 4, 16, 16, 17, 12, 6, 7, 9

Mode : _____ Range : _____

③ 38, 47, 56, 38, 56, 44, 48, 55, 42,
38, 36, 38

Mode : _____ Range : _____

④ 4, 4, 6, 7, 7, 7, 7, 9

Mode : _____ Range : _____

⑤ 2, 7, 4, 2, 3, 6, 11

Mode : _____ Range : _____

⑥ 3, 6, 4, 3, 2, 4, 7, 8, 6, 3, 9

Mode : _____ Range : _____

⑦ 32, 32, 32, 37, 39, 48

Mode : _____ Range : _____

⑧ 11, 11, 14, 15

Mode : _____ Range : _____

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The number 34 (twice) is the maximum in the given set.

Thus, Mode : 34

Range = Difference between the greatest and the smallest number in the given set.

Thus, Range : $38 - 24 =$ 14

Answers

① 6, 3, 8, 6, 6, 5, 8, 3

Mode : 6 Range : 5

② 11, 4, 16, 16, 17, 12, 6, 7, 9

Mode : 16 Range : 13

③ 38, 47, 56, 38, 56, 44, 48, 55, 42, 38, 36, 38

Mode : 38 Range : 20

④ 4, 4, 6, 7, 7, 7, 7, 9

Mode : 7 Range : 5

⑤ 2, 7, 4, 2, 3, 6, 11

Mode : 2 Range : 9

⑥ 3, 6, 4, 3, 2, 4, 7, 8, 6, 3, 9

Mode : 3 Range : 7

⑦ 32, 32, 32, 37, 39, 48

Mode : 32 Range : 16

⑧ 11, 11, 14, 15

Mode : 11 Range : 4