

Name : _____

Range

Sheet 2

Example: Find the range for the given data.

54, 28, 11, 35, 68, 42, 17, 75, 41

$$\begin{aligned}\text{Range} &= \text{Maximum value} - \text{Minimum value} \\ &= 75 - 11 \\ &= \mathbf{64}\end{aligned}$$

Find the range for each set of numbers.

1) 54, 16, 12, 48, 60, 75, 86, 14, 66, 85

Range : _____

3) 4, 32, 13, 15, 40, 50, 60, 8, 23, 35, 46

Range : _____

5) 37, 21, 18, 50, 30, 40, 55, 62, 95, 84, 79, 91, 80

Range : _____

7) Jan's chocolate boxes contain the following quantities (in pounds) of chocolates. The quantity of chocolates in each box are 12, 15, 18, 20, 22, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 78, 80, 82, 85, 88, 90, 92, 95, 98, 100. Find the range of the chocolates.

Range : _____

8) Eight urns hold a variety of colored balls. The number of balls kept in each urn are the following.

5, 15, 7, 21, 11, 19, 23, 26

Find the range of the balls.

Range : _____

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