

**Range**

Sheet 1

Example: Find the range for the given data.

24, 31, 12, 38, 13, 15, 46, 62

$$\begin{aligned}\text{Range} &= \text{Maximum value} - \text{Minimum value} \\ &= 62 - 12 \\ &= \mathbf{50}\end{aligned}$$

Find the range for each set of numbers.

1) 36, 17, 22, 43, 11, 56, 17, 71

Range : \_\_\_\_\_

2) 84, 75, 9, 28, 57, 64, 42

Range : \_\_\_\_\_

3) 83, 78, 99, 56, 48, 74, 68, 55, 85

Range : \_\_\_\_\_

4) 17, 66, 14, 79, 47, 95, 32, 21, 10, 58

Range : \_\_\_\_\_

5) 88, 74, 41, 59, 39, 82, 44

Range : \_\_\_\_\_

6) 78, 8, 34, 61, 55, 29

Range : \_\_\_\_\_

7) Eight baskets of apples weigh (in pounds) 70, 68, 73, 78, 73, 68, 75, and 76. Find the range.

Range : \_\_\_\_\_

8) The number of people who visited a winter carnival during the first 7 hours of a day are the following.

79, 83, 50, 69, 92, 77, 88

What is the range of the given data?

Range : \_\_\_\_\_

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Example: Find the range for the given data.

24, 31, 12, 38, 13, 15, 46, 62

$$\begin{aligned}\text{Range} &= \text{Maximum value} - \text{Minimum value} \\ &= 62 - 12 \\ &= \mathbf{50}\end{aligned}$$

Find the range for each set of numbers.

1) 36, 17, 22, 43, 11, 56, 17, 71

Range : 60

2) 84, 75, 9, 28, 57, 64, 42

Range : 75

3) 83, 78, 99, 56, 48, 74, 68, 55, 85

Range : 51

4) 17, 66, 14, 79, 47, 95, 32, 21, 10, 58

Range : 85

5) 88, 74, 41, 59, 39, 82, 44

Range : 49

6) 78, 8, 34, 61, 55, 29

Range : 70

7) Eight baskets of apples weigh (in pounds) 70, 68, 73, 78, 73, 68, 75, and 76. Find the range.

Range : 10 pounds

8) The number of people who visited a winter carnival during the first 7 hours of a day are the following.

79, 83, 50, 69, 92, 77, 88

What is the range of the given data?

Range : 42 visitors