

Name : \_\_\_\_\_

# Median

Sheet 1

## Example 1:

Find the median of 12, 34, 8, 16, 25, 3 and 10.

Arrange the data in an increasing order.

3, 8, 10, **12**, 16, 25, 34

Middle number is 12.

Median : **12**

## Example 2:

Find the median of 5, 14, 22, 35, 20, 15, 6 and 28.

Arrange the data in an increasing order.

5, 6, 14, **15**, **20**, 22, 28, 35

Middle numbers are 15 and 20.

Median :  $\frac{15 + 20}{2} = \mathbf{17.5}$

Find the median for each set of numbers.

1) 23, 37, 11, 58, 13, 45

Median : \_\_\_\_\_

2) 85, 42, 64, 71, 39, 56, 26

Median : \_\_\_\_\_

3) 41, 13, 21, 83, 54, 37, 18, 66, 72

Median : \_\_\_\_\_

4) 53, 22, 76, 46, 68, 32, 15, 29

Median : \_\_\_\_\_

5) 17, 24, 8, 19, 6, 34, 10, 28, 48, 12

Median : \_\_\_\_\_

6) 60, 52, 11, 29, 46, 9, 33

Median : \_\_\_\_\_

7) The average temperatures across Washington, Texas, Oklahoma, New York, Missouri, Georgia, Hawaii and Michigan are 48°F, 65°F, 60°F, 45°F, 54°F, 64°F, 70°F and 45°F respectively. Find the median.

Median : \_\_\_\_\_

8) Jack's Science book has ten chapters. The number of pages in each chapter is given below. What is the median?

25, 11, 9, 18, 21, 24, 16, 13, 30, 12

Median : \_\_\_\_\_

Name : \_\_\_\_\_

## Answer Key

# Median

Sheet 1

### Example 1:

Find the median of 12, 34, 8, 16, 25, 3 and 10.

Arrange the data in an increasing order.

3, 8, 10, **12**, 16, 25, 34

Middle number is 12.

Median : **12**

### Example 2:

Find the median of 5, 14, 22, 35, 20, 15, 6 and 28.

Arrange the data in an increasing order.

5, 6, 14, **15**, **20**, 22, 28, 35

Middle numbers are 15 and 20.

Median :  $\frac{15 + 20}{2} = \mathbf{17.5}$

Find the median for each set of numbers.

1) 23, 37, 11, 58, 13, 45

Median : **30**

2) 85, 42, 64, 71, 39, 56, 26

Median : **56**

3) 41, 13, 21, 83, 54, 37, 18, 66, 72

Median : **41**

4) 53, 22, 76, 46, 68, 32, 15, 29

Median : **39**

5) 17, 24, 8, 19, 6, 34, 10, 28, 48, 12

Median : **18**

6) 60, 52, 11, 29, 46, 9, 33

Median : **33**

7) The average temperatures across Washington, Texas, Oklahoma, New York, Missouri, Georgia, Hawaii and Michigan are 48°F, 65°F, 60°F, 45°F, 54°F, 64°F, 70°F and 45°F respectively. Find the median.

Median : **57°F**

8) Jack's Science book has ten chapters. The number of pages in each chapter is given below. What is the median?

25, 11, 9, 18, 21, 24, 16, 13, 30, 12

Median : **17 pages**