

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

# Mode and Median

## ★ Part A: Learn the Words

- **Mode** = the number that appears **most often**.
- **Median** = the number in the **middle** when the numbers are in order.

## 🔍 Part B: Examples

1. Numbers: 2, 4, 4, 5, 7

- **Mode** = 4 (it appears most often).
- **Median** = 4 (the middle number).

○ Numbers: 3, 8, 1 Put in order: 1, 3, 8

○ **Mode** = none (no number repeats).

○ **Median** = 3 (middle number).

### 1) Find the Mode and Median:

1. 5, 7, 3, 7, 9

Mode = \_\_\_\_\_

Median = \_\_\_\_\_

2. 10, 6, 8, 4, 2

Mode = \_\_\_\_\_

Median = \_\_\_\_\_

3. 12, 14, 16, 18, 14, 20

Mode = \_\_\_\_\_

Median = \_\_\_\_\_

4. 25, 30, 35, 40, 45, 50, 55

Mode = \_\_\_\_\_

Median = \_\_\_\_\_

### 2) Challenge Question

The ages of children in a group are:

9, 10, 10, 11, 12, 12, 12, 13, 14

Mode = \_\_\_\_\_

Median = \_\_\_\_\_

### 3) Word Problems: Mode and Median

#### a) Apples Sold

A fruit shop sold apples on 5 days:

12, 18, 18, 20, 25

What is the **mode** number of apples sold? \_\_\_\_\_

What is the **median** number of apples sold? \_\_\_\_\_

b) **Test Scores**

The test scores of some children are:

7, 9, 10, 10, 8

What is the **mode**? \_\_\_\_\_

What is the **median**? \_\_\_\_\_

c) **Sports Shoes**

The prices of shoes in a shop are:

30, 25, 25, 40, 20, 25

What is the **mode** price? \_\_\_\_\_

What is the **median** price? \_\_\_\_\_

d) **Family Ages**

The ages in a family are:

6, 8, 10, 12, 12, 14, 16

What is the **mode** age? \_\_\_\_\_

What is the **median** age? \_\_\_\_\_

e) The numbers are: 4, 6, 7, 9, 10

Find the **median**. \_\_\_\_\_

Find the **Mode**. \_\_\_\_\_

Then add the mode to the median.

What is the final number? \_\_\_\_\_

f) The scores of 7 students are:

8, 6, 10, 9, 7, 8, 8

- What is the **mode**? \_\_\_\_\_
- If the teacher gives 2 more points to every student, what will the **new mode** be? \_\_\_\_\_

#### 4. Challenge

The median of these numbers is 8.

?, 7, 8, 9, 10

What number could ? be? \_\_\_\_\_