

# MODE

The number that appears the **most**.

3, 3, 3, 6, 7, 7, 13

# MEAN OR AVERAGE

The **sum** of the numbers **divided** by the total amount of numbers.

$$3+3+3+6+7+7+13=42$$

$$42 \div 7 = 6$$

# MEDIAN

The number in the **middle**.

3, 3, 3, 6, 7, 7, 13

# RANGE

The **difference** between the largest and smallest number.

3, 3, 3, 6, 7, 7, 13

$$13 - 3 = 10$$



# MEAN, MEDIAN, MODE, RANGE

Fill in the blank with the word that makes the sentence true and complete.

The \_\_\_\_\_ of a set of numbers can be found by finding the sum of all the numbers, then \_\_\_\_\_ the sum by the total amount of numbers in the data set.

The \_\_\_\_\_ of a set of numbers is the middle number in a data set. If there is an even amount of numbers in the data set, you must find the \_\_\_\_\_ of the two middle numbers.

You subtract the min from the max to find the \_\_\_\_\_.

The number that occurs most often in a data set is called the \_\_\_\_\_.

Explain the importance of putting your data set in order from least to greatest.

Label each of the following as True (T) or False (F).  
Write an explanation or "proof" underneath.

\_\_\_\_\_ There can be more than one mean.

\_\_\_\_\_ There can be more than one mode.

# Mean, Median, Mode, Range

katie got the following scores on her spelling tests.

Week 1	98
Week 2	89
Week 3	76
Week 4	93
Week 5	89

Mean: \_\_\_\_\_

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

Mode: \_\_\_\_\_

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

create a data table with a set of fictional data of your choice. then, use your data to find the mean, median, mode, and range of the data.

Mean: \_\_\_\_\_

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

Mode: \_\_\_\_\_

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

grace was improving her typing speed and kept track of how many words per minute she could type each week.

Week 1	36
Week 2	48
Week 3	67
Week 4	91

Mean: \_\_\_\_\_

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





Mode: \_\_\_\_\_

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

# Mean, Median, Mode, Range

## At The Grocery Store

Cathy the Extreme Couponer is looking at several different store ads. She makes the table below to show the prices on the same food at different stores. Help her find the Mean, Median, Mode, and Range of the price of the foods at all three stores.

	Bread 	Milk 	Eggs 	Cereal 
Store A	\$1.99	\$2.99	\$3.99	\$3.89
Store B	\$3.29	\$2.59	\$4.29	\$2.50
Store C	\$2.45	\$3.50	\$2.89	\$2.99

### Comparing Foods

1. What is the average price of a loaf of bread at the three stores?
2. What is the range of prices for a carton of eggs at the three stores?
3. What is the median price of cereal at all three stores?
4. What is the average price of milk at the three stores?

### Comparing Stores

1. What is the median price of the food at Store A?
2. What is the average price of the food at Store B?
3. What is the range of prices of the food at Store C?
4. What is the average price of the food at Store A?

# Mean, Median, Mode, Range

## DATA PARTY EXTENSION ACTIVITY

**SOPHIA HAD A DATA COLLECTION PARTY AT HER HOUSE.**

**THE PARTYGOERS COLLECTED DATA TO ANSWER THE FOLLOWING QUESTIONS:**

“How many licks to the center of a Tootsie Pop?”

“How many jumps of a jump rope in one minute?”

“How many minutes to run a mile?”

“How many seconds can you hula hoop?”

“How many slices of pizza are eaten by each person?”

**CREATE A REASONABLE SET OF DATA FOR ONE OF THESE ACTIVITIES. THEN FIND THE MEAN, MEDIAN, RANGE, AND MODE OF YOUR DATA.**

**CREATE A GRAPH TO DISPLAY YOUR DATA**