

# What's In a Name?

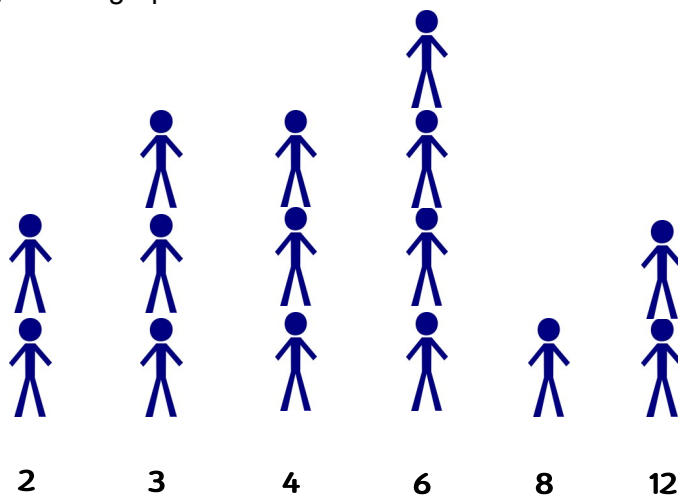
CCSS 2.MD.10

What is the most common number of letters in a person's name in this class? Have students make predictions; write those predictions on the board.

Have students write their first name on a **"Hello my name is" sticker**, and count how many letters. Find out who has the least number of letters in their name. Write that number on the board and have that person stand by that number. Then find the students with the greatest number of letters in their name; write that number on the other end of the board and have those students stand by that number. These difference in the two numbers represent the **RANGE**.

Ask the students to line up from shortest names to longest names without talking. (If the students are unable to figure this out on their own, have them hold up with their fingers the number of letters in their name.) If one student has the same amount of letters as another student, they need to figure out how they should stand so that by looking we can tell which group is largest.

Once the students have figured out how to group themselves the teacher can record their data on the board as a bar graph, and then have the students resume their seats and help label the title and axes of the graph. They can identify the mode and range of the graph.



- ? What do the numbers on the bottom mean? *They represent the number of letters in a name.*
- ? What do the stick figures represent? *They represent the number of people with that many letters in their name.*
- ? What should be the title of the graph? *Numbers of Letters in First Names.*
- ? What number represents the mode? *6, because four students have six letters in their names.*

## MATERIALS:

- "Hello, My Name Is" stickers

## NOTE

The mode of names will vary based on the ethnicity or nationality of the class. North American names tend to be around five letters long. Asian names tend to be less than five letters long. Eastern European names tend to be more than five letters long.