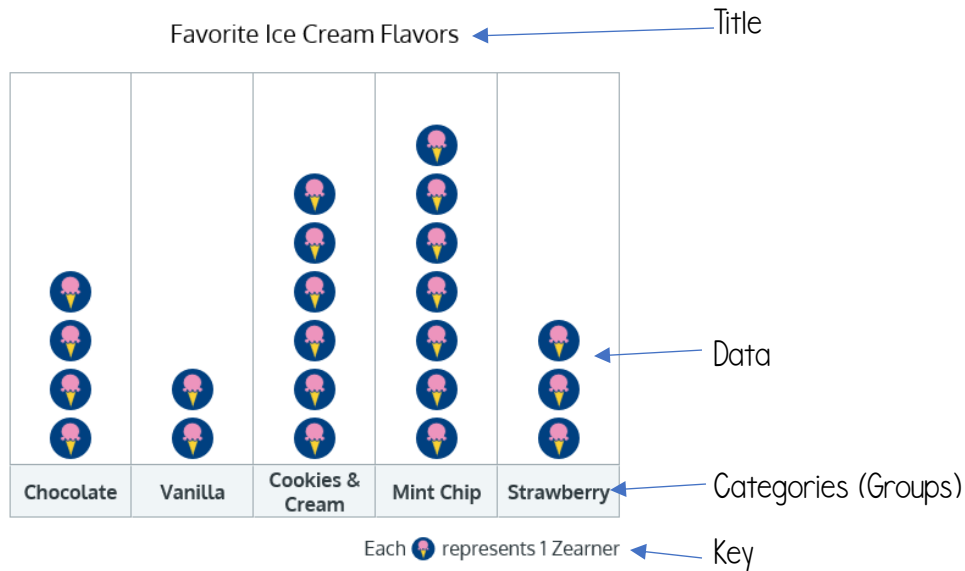


3rd Grade Mission 6 Notes

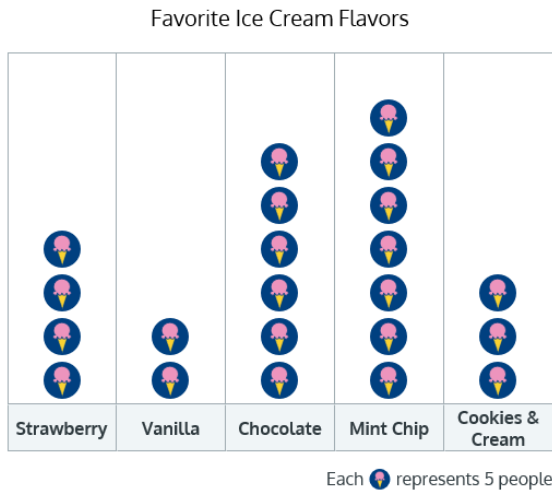
Data- information.

When using a picture graph to gather data, be sure to look at the key to see what the symbol is worth.



Add	Subtract
How many _____ or _____?	How many more _____ than _____?
How many together?	How many fewer _____ than _____?
How many _____ and _____ ?	
How many total _____?	

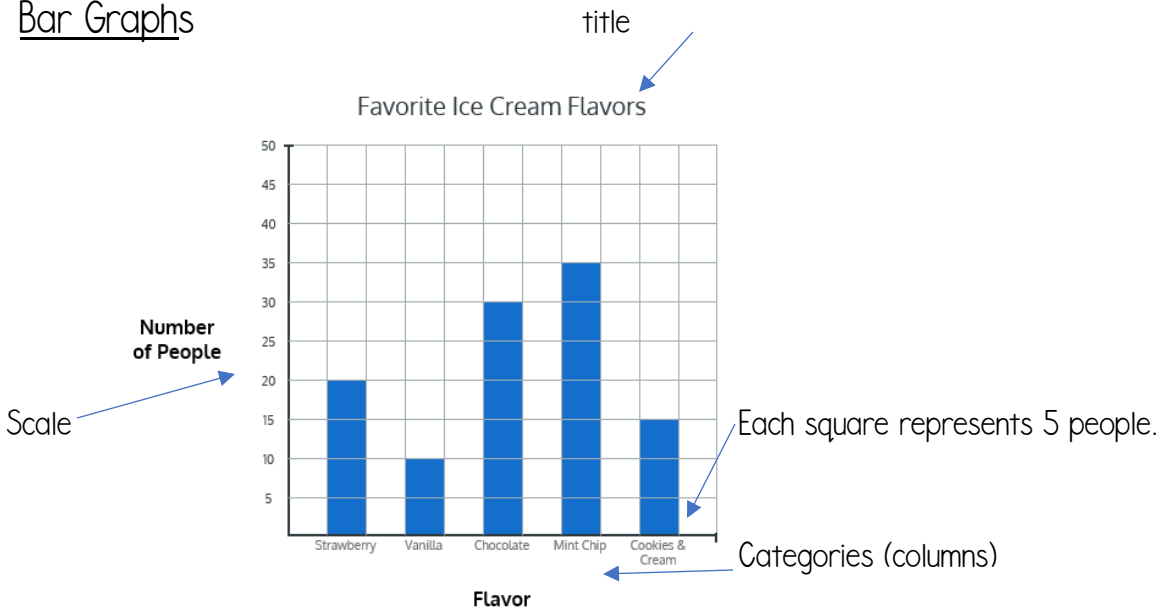
Favorite Ice Cream Flavors	
Flavors	# of People
Strawberry	20
Vanilla	10
Chocolate	30
Mint Chip	35
Cookies & Cream	15



To determine how many pictures to put in each category, count by the number in the key until you reach your total.

Example: 20 people liked strawberry. Each picture represents 5, so count by 5 until you get to 20.

Bar Graphs



most popular- means the category has the **most votes**

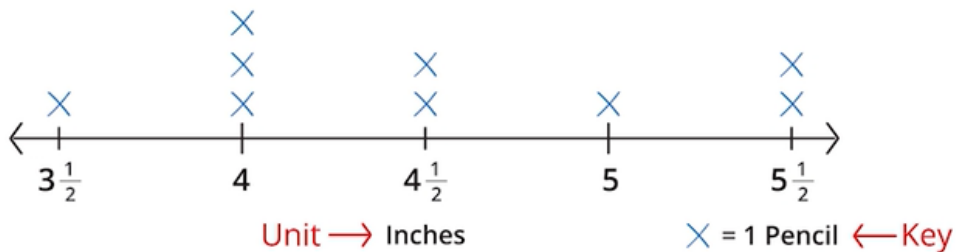
least popular- means the category has the **least/smallest votes**

A bar graph must have a title, scale, columns/categories, a key, and data.

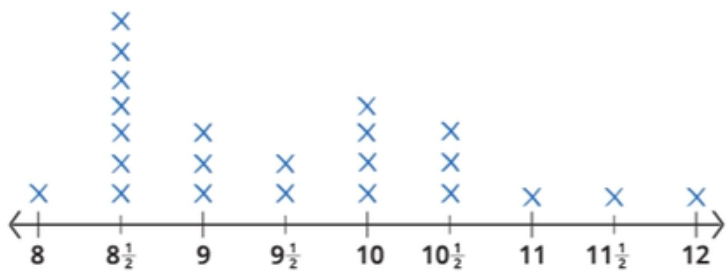
What's the **difference between?** Means you need to **subtract** the two numbers.

Line Plots

Title → Colored Pencil Lengths



	Red	Green	Blue	Purple	Yellow	Teal	Orange	Pink	Gray
Inches	4 ✓	5 $\frac{1}{2}$ ✓	4 ✓	4 $\frac{1}{2}$ ✓	4 ✓	4 $\frac{1}{2}$ ✓	5 ✓	3 $\frac{1}{2}$ ✓	5 $\frac{1}{2}$ ✓



Length of Feet at Zearn (inches)			
11 ✓	10 1/2 ✓	11 1/2 ✓	8 1/2 ✓
10 1/2 ✓	9 1/2 ✓	10 ✓	10 ✓
10 ✓	10 ✓	12 ✓	10 1/2 ✓
8 1/2 ✓	9 ✓	9 ✓	8 1/2 ✓
10 ✓	8 1/2 ✓	9 1/2 ✓	8 1/2 ✓
8 1/2 ✓	8 ✓	8 1/2 ✓	9 ✓

1 foot = 12 inches

When plotting data from a chart to the line plot, be sure to check off each number so you don't put it on the line plot multiple times.

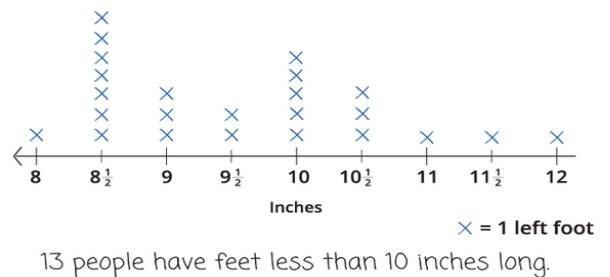
Most frequent or common measurement- means the measurement (number) that has the most x's

Largest measurement- means the biggest number on the line plot. (NOT X'S)

Smallest measurement- means the smallest number on the line plot. (NOT X'S)

How many people have _____ less than _____?

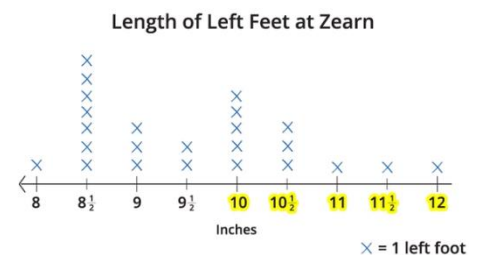
- This means to look for the number mentioned in the question and then count all the X's less than that number.



How many people have at least _____?

- This means the number mentioned in the question and longer.

"At least 10 inches" means 10 inches or longer



How many people have _____ *more than* _____?

- This means to look for the number mentioned in the question and then count the X's greater than that number.

Increases- means to go up or get higher

Decreases- means to go down or get lower