2nd Grade Mission 7 Notes

Category – means group

A Table
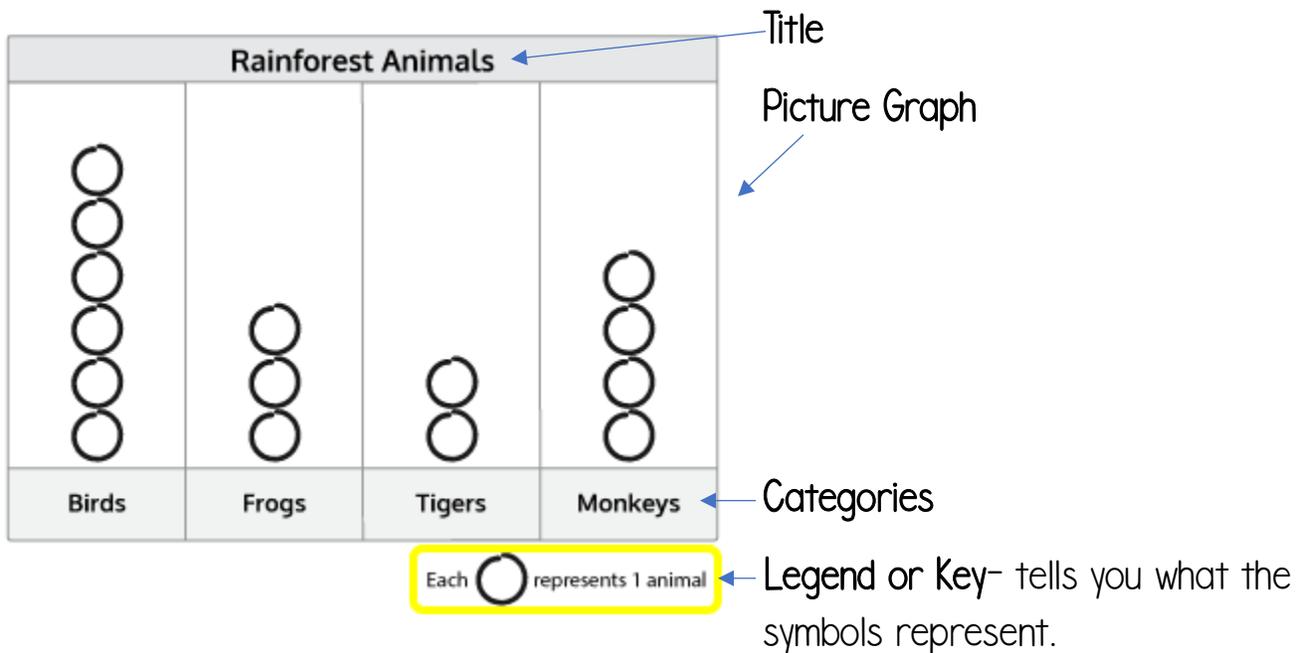
Tally Mark

No legs	//
2 legs	///
4 legs	////

⅂⅂⅂⅂⅂
This shows 5.

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

Title

Picture Graph

Rainforest Animals

Birds	Frogs	Tigers	Monkeys

Categories

Each ⬭ represents 1 animal ← Legend or Key– tells you what the symbols represent.
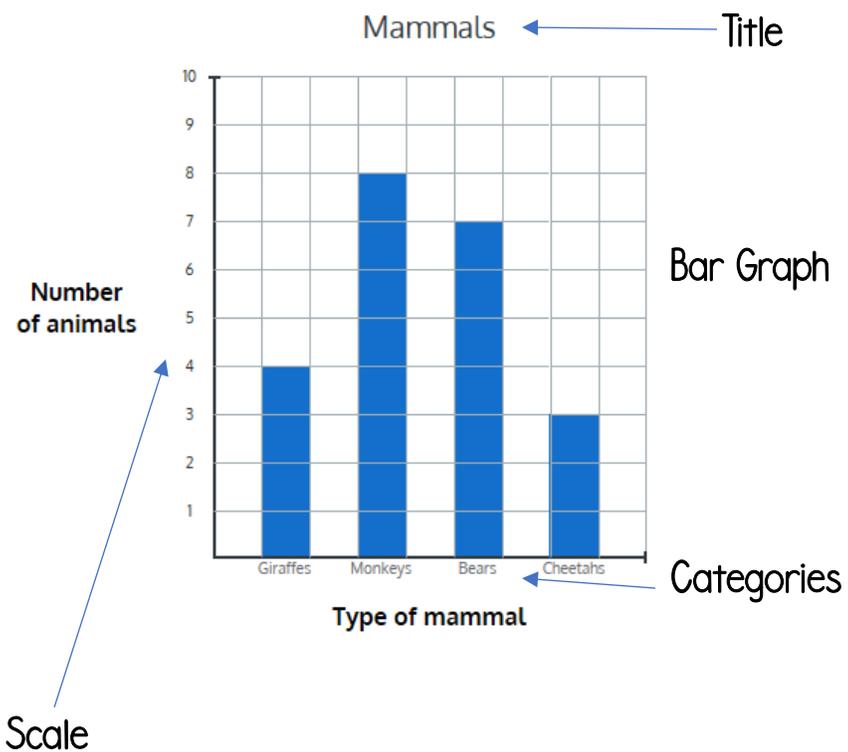
How many fewer? – means to subtract (comparing)

Which has the most/greatest/more? – means to look for the largest amount or number

Which has the least/fewest/less? – means to look for the smallest amount or number

Analyze– means to look carefully at and gather information

Mammals ← Title

Number of animals

Scale

Bar Graph

Categories

Type of mammal

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100 cents = 4 quarters = $1.00

Fewest coins – means the smallest amount or least amount of coins

COIN	VALUE (how much something is worth)	PICTURE
Penny	1 cent (1¢)	
Nickel	5 cents (5 ¢)	
Dime	10 cents (10 ¢)	
Quarter	25 cents (25 ¢)	

BILLS	VALUE	PICTURE
One dollar	$1.00 (100 ¢)	
Five dollars	$5.00 (500 ¢)	
Ten dollars	$10.00 (1,000 ¢)	
Twenty dollars	$20.00 (2,000 ¢)	

Hundreds Chart

| 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

When measuring, we always line the beginning of the object up with the measuring tool.
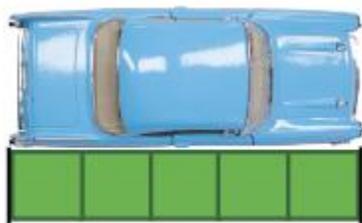
The crayon is about 4 inches long.

When measuring an object and it doesn't perfectly line up, look to the number it is closest to.

When measuring with a **small unit**, you will have **greater number of units.**

| in 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
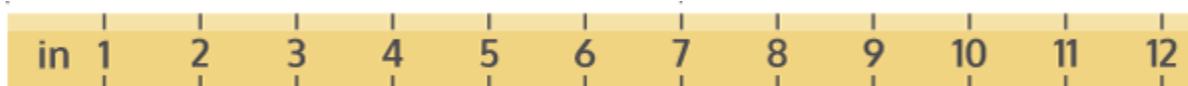
1 foot = 12 inches

1 yard = 3 feet or 36 inches

We measure **smaller items in inches**. (quarter)

We measure **medium items in feet**. (piece of paper)

We measure **larger items in yards**. (guitar)

Estimate– take an educated guess

Actual length– measure with a ruler

One centimeter is <u>smaller</u> than one inch. So, it will take <u>more centimeters than inches</u> to measure an object.

| 0 cm | 10 cm | 20 cm | 30 cm | 40 cm | 50 cm | 60 cm | 70 cm | 80 cm | 90 cm | 1 m |

Endpoint (where something begins and ends)   endpoint

100 cm = 1 meter

Difference between endpoints means to subtract. Example: 100 cm − 40 cm = 60 cm

40 cm   100 cm

Unit− there are 6 units on this number line.

The length of each unit can be 1 cm, 5cm, or 10cm.

Most common− means happens a lot or most votes

Least common− means it does not happen a lot or has least amount of votes
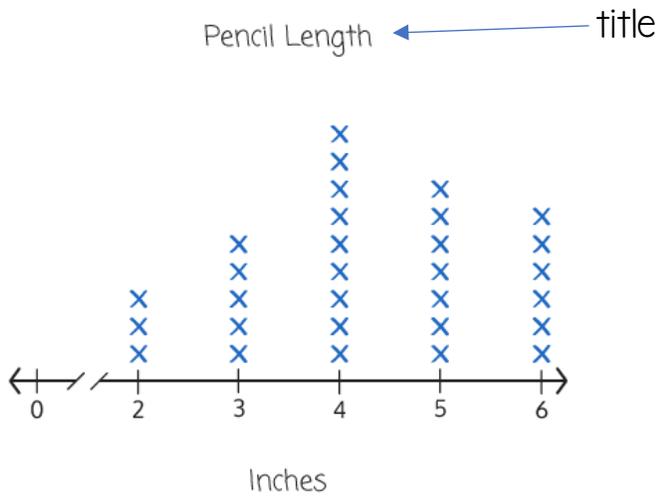
How many more _____ than _____?

- Means to **subtract or you can count up** from the smallest number until you get to the higher number.

How many _____ and _____?

- Means to **add**

Line Plot

Pencil Length ←——— title

0   2   3   4   5   6

Inches

Pencil length	Number of pencils
2 inches	|||
3 inches	ЖЖ
4 inches	ЖЖ ||||
5 inches	ЖЖ ||
6 inches	ЖЖ	

Most are 4 inches or longer.

- This statement means you count the number of x's at 4 and every number after 4.

Height (inches)	Number of Plants
25	6
30	10
35	9
40	3
45	2

Shortest plant- look for the smallest number in inches (25)

Tallest plant- look for the largest number in inches (45)