

Name \_\_\_\_\_

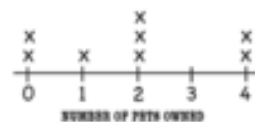
# Kinds of Graphs

Graphs are diagrams that help us understand data. There are many kinds of graphs. Use the code below to find the names of 5 common graphs.

☆=A    Ⓒ=B    ▽=C    ↓=E    →=G    △=H    ○=I  
 △=L    ↑=N    ⊙=O    ⊗=P    ◇=R    ×=T    •=U

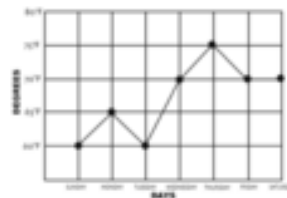
1. △ ○ ↑ ↓ ⊗ △ Ⓒ ×

A graph that shows data on a number line with an x or other kind of mark.



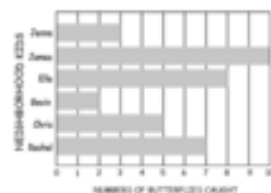
2. △ ○ ↑ ↓ → ◇ ☆ ⊗ △

A graph that uses points connected by a line to show data.



3. Ⓒ ☆ ◇ → ◇ ☆ ⊗ △

A graph that uses horizontal or vertical bars to show data.



4. ⊗ ○ ↓ ▽ △ ☆ ◇ ×

A graph that looks like a pie with sections to show data.




5. ⊗ ○ ▽ × • ◇ ↓ → ◇ ☆ ⊗ △

A graph that uses pictures or symbols to show data.



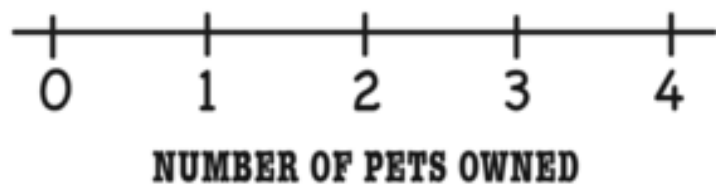
Name \_\_\_\_\_

# How many pets?

There are many different kinds of graphs. One kind of graph is called a line plot. A line plot shows data on a number line with an x or another kind of mark to show frequency. (example: )

Use the data below to make a line plot to the right. Then answer the questions below.

NUMBER OF PETS OWNED	
COLE	4
ANDY	0
OWEN	1
ADDISON	2
JAMES	1
HUNTER	1
SANDY	3
GRANT	1
KELLY	3
LIAM	0




1. How many kids have 3 pets? \_\_\_\_\_
2. How many kids have fewer than 2 pets? \_\_\_\_\_
3. How many kids have more than 2 pets? \_\_\_\_\_
4. How many pets do you have? \_\_\_\_\_

(Draw an x on the line plot)

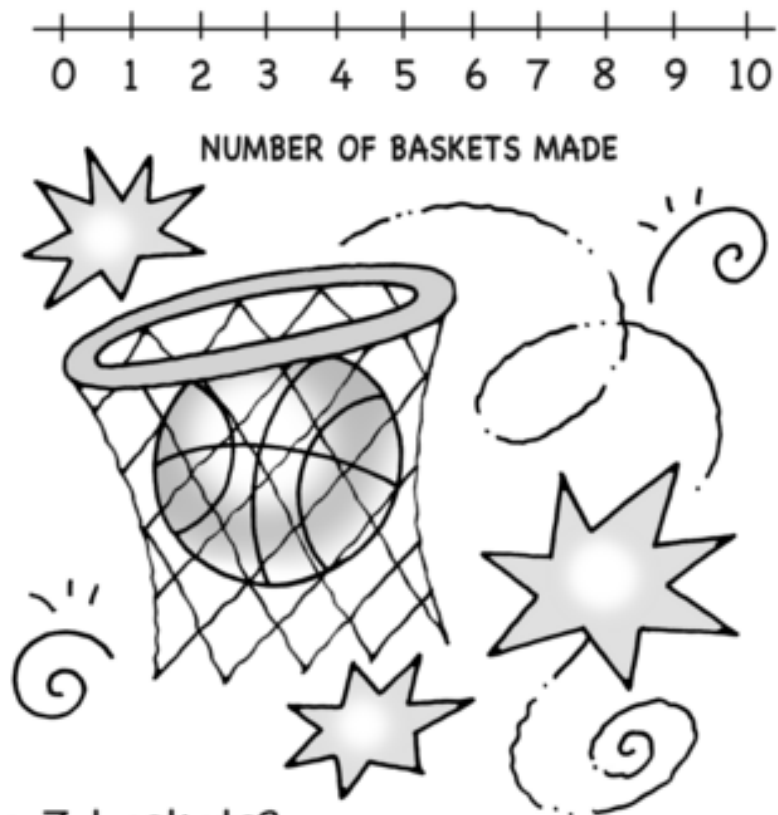
Name \_\_\_\_\_

# Baskets Made

There are many different kinds of graphs. One kind of graph is called a line plot. A line plot shows data on a number line with an x or another kind of mark to show frequency. (example: )

Use the data below to make a line plot to the right. Then answer the questions below.

NUMBER OF BASKETS MADE	
Carly	9
Morgan	1
Tia	7
Ryan	2
Logan	7
Amy	5
Danny	3
Paige	6
Mason	3
Olivia	10



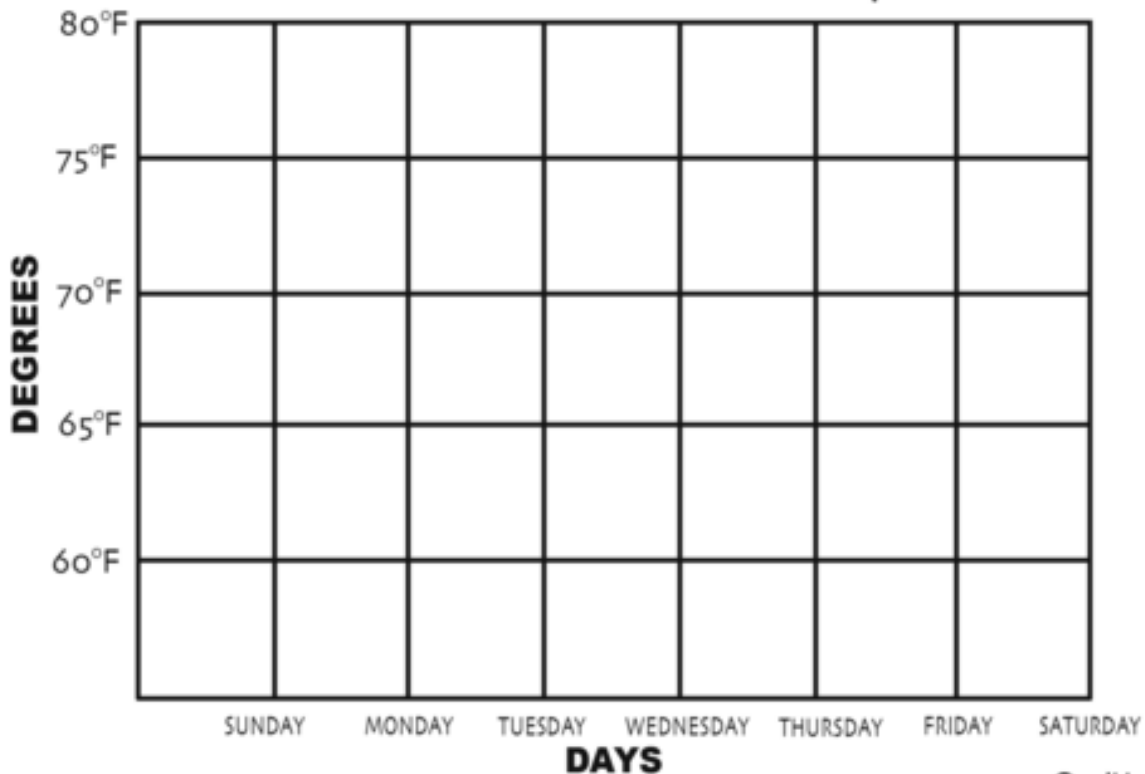
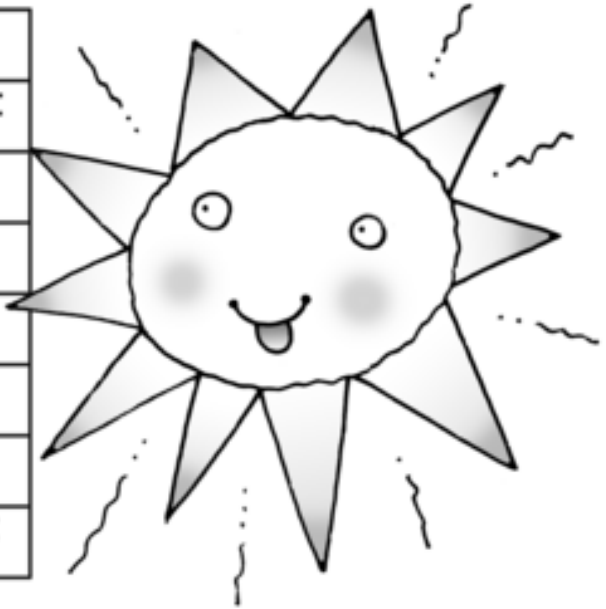
1. How many kids made 7 baskets? \_\_\_\_\_
2. How many kids made 3 baskets? \_\_\_\_\_
3. How many kids made fewer than 6 baskets? \_\_\_\_\_
4. How many kids made more than 6 baskets? \_\_\_\_\_

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# LINE GRAPH

Jenna tracked the temperatures in Minneapolis, MN for one week. Use her data to plot dots on the graph below. Then connect the dots to make a line graph.

DEGREES	
SUNDAY	60°F
MONDAY	65°F
TUESDAY	60°F
WEDNESDAY	70°F
THURSDAY	75°F
FRIDAY	70°F
SATURDAY	70°F



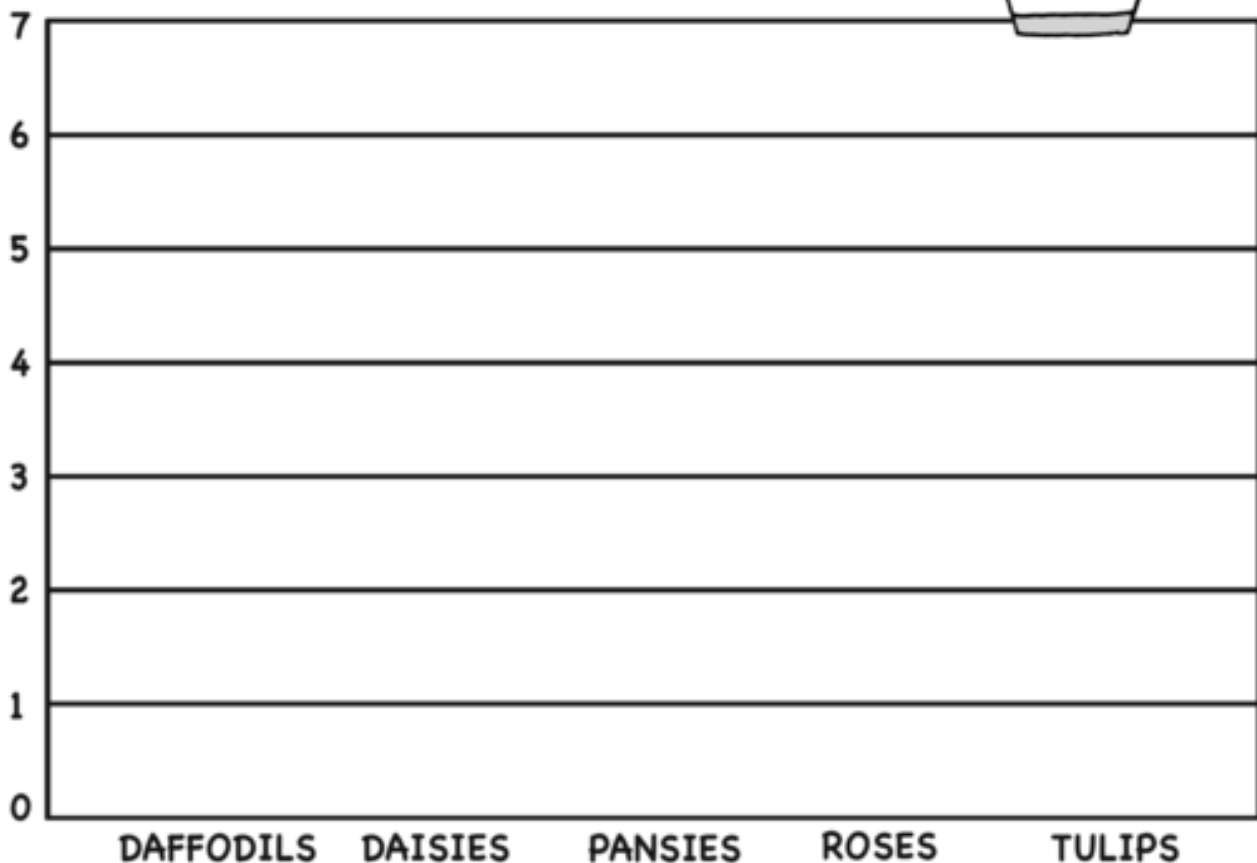
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# Flower Shop

Mr. Johnson owns a small flower shop where he sells daffodils, daisies, pansies, roses, and tulips. He recorded the number of flowers he sold today in his notebook. Fill in the bar graph with this data and then answer the questions below.



	DAFFODILS	DAISIES	PANSIES	ROSES	TULIPS
# OF FLOWERS SOLD	5	7	4	6	3

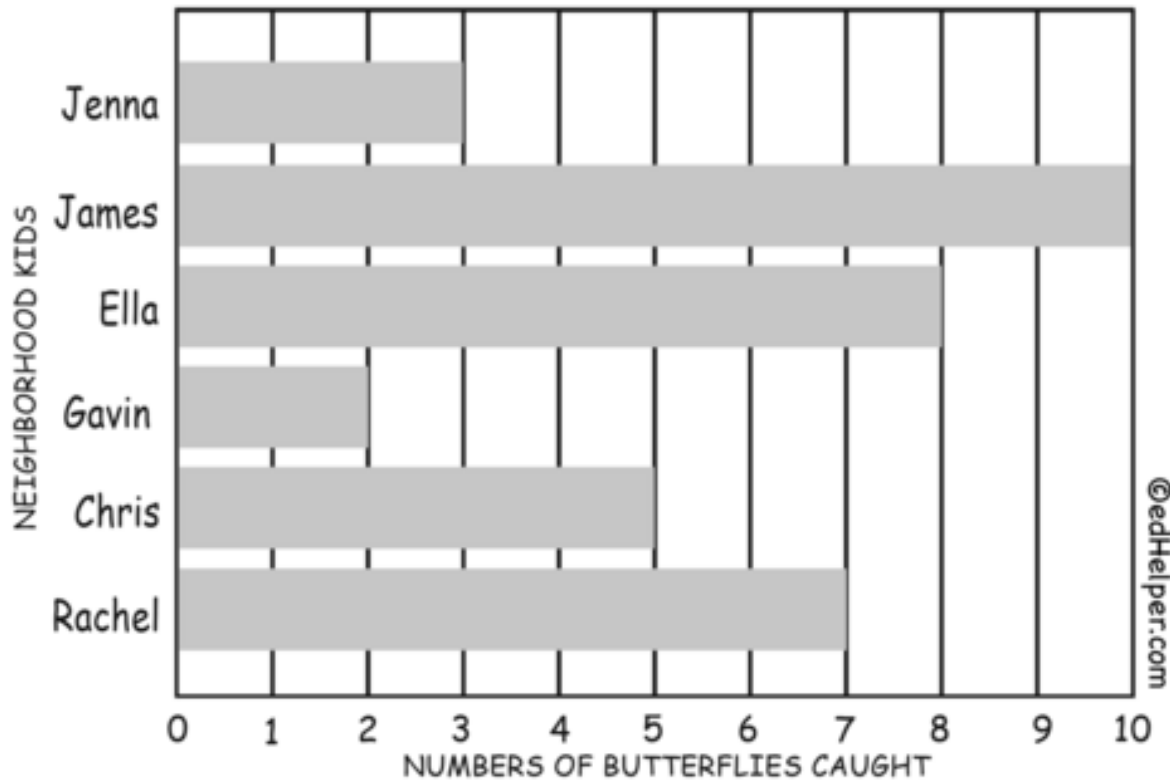


1. What type of flower sold the most today? \_\_\_\_\_
2. What type of flower sold the least today? \_\_\_\_\_

Name \_\_\_\_\_

# Beautiful Butterflies

Six neighbor kids developed a bar graph to determine how many butterflies they caught. Study their data and then answer the questions below.



1. How many butterflies did Rachel catch? \_\_\_\_\_
2. How many butterflies did Chris catch? \_\_\_\_\_
3. How many more butterflies did James catch compared to how many Ella caught? \_\_\_\_\_
4. Who caught the most butterflies? \_\_\_\_\_
5. Who caught the least amount of butterflies? \_\_\_\_\_
6. Who caught 3 butterflies? \_\_\_\_\_



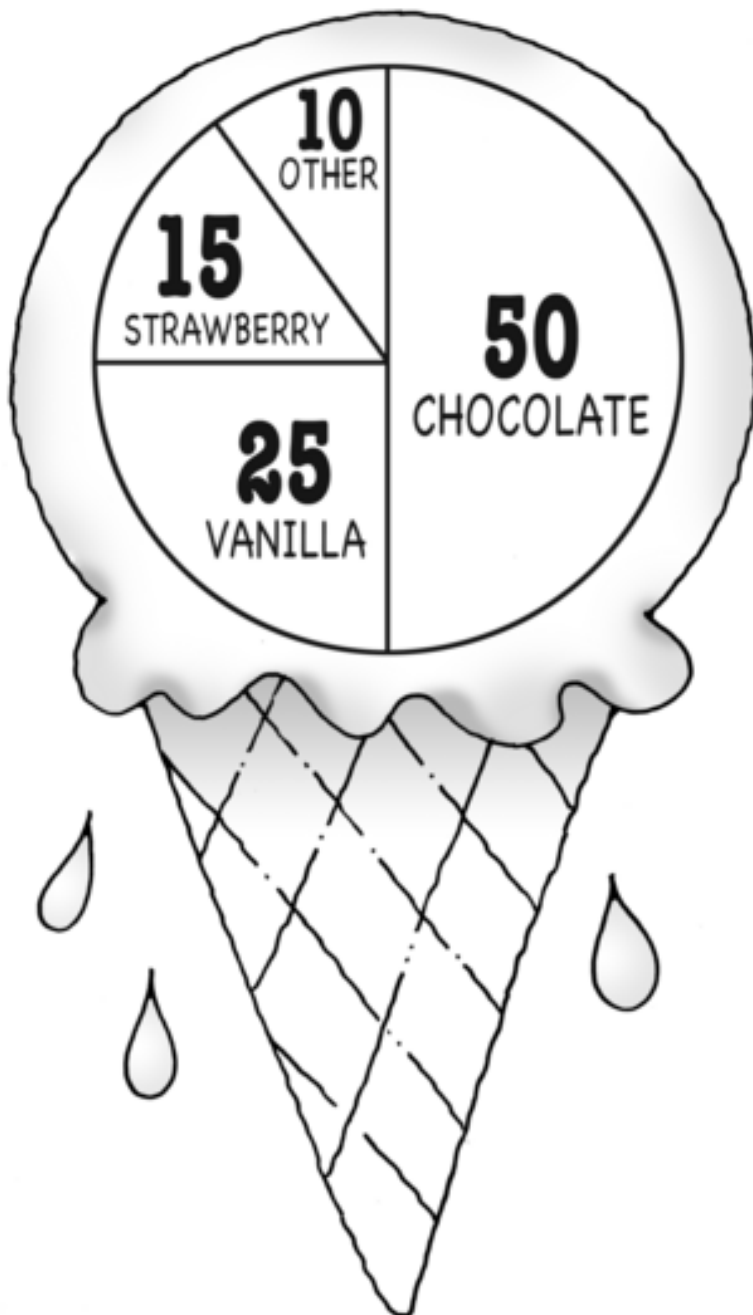
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# Ice Cream Flavor

Inside the ice cream cone is a pie chart. One hundred people were asked, "What is your favorite ice cream flavor?"

Answer the questions below with the data.

## FAVORITE ICE CREAM FLAVOR



1. What flavor of ice cream had the most votes? \_\_\_\_\_
2. What number of people liked vanilla the best? \_\_\_\_\_
3. Name the ice cream flavor that 15 out of 100 people liked the best. \_\_\_\_\_
4. What number of people liked "other" the best? \_\_\_\_\_
5. Name some flavors that may have been categorized as "other".

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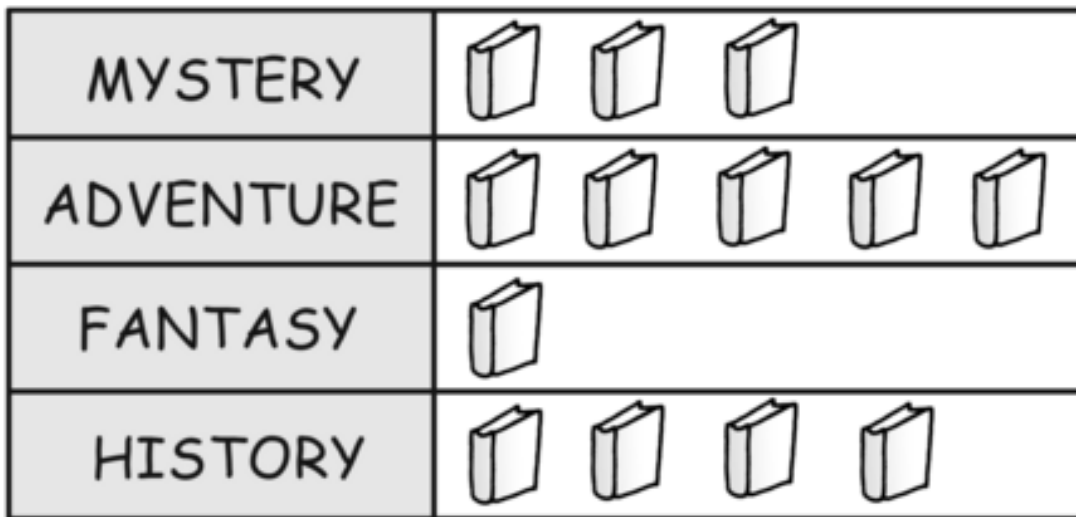
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Name \_\_\_\_\_

# Benny's Library

Benny developed a picture graph below. It shows how many books he owns in four different categories. Study the data and answer the questions below.



Each  stands for 5 books.

1. How many history books does Benny have? \_\_\_\_\_
2. Which book category is the largest? \_\_\_\_\_
3. Which book category has 5 books  
\_\_\_\_\_
4. How many books in these four categories does he have?  
\_\_\_\_\_

