

Name \_\_\_\_\_

Date \_\_\_\_\_

**Graphs That Represent Data Sets - Independent Practice**

Look at the table and answer the following questions:

1) Eli asked his friends to vote for the best food. Make a bar graph of the results:

Food items	Number of votes
Cakes	2
Tea	4
Burgers	5
Pies	1

A) How many more votes were casted for burgers than pie? \_\_\_\_\_

B) How many friends voted for tea and cakes? \_\_\_\_\_

2) Juliet asked her classmates to vote for their favorite pet animal. Make a bar graph of their responses:

Pet animals	Number of responses
Dogs	6
Cats	2
Parrots	5
Goats	4

A) Did more people vote for goats or parrots as their favorite animal??  
\_\_\_\_\_

B) How many people voted for cats and dogs? \_\_\_\_\_



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3) Sophie went to a garage sale and saw some pots, mugs, skateboards, and baskets. Make a bar graph of the items she saw:

Items	Number of times seen
Pots	3
Mugs	2
Baskets	5
Skateboards	4

A) How many more pots than skateboards did she see? \_\_\_\_\_

B) Which item has most frequently seen? \_\_\_\_\_

4) Stella went on a picnic and brought some plates, bowls, spoons, and knives. Make a bar graph of the supplies she brought.

Items	Number of Items
Plates	3
Bowls	4
Spoons	5
Knives	2

A) How many plates and bowls did she bring? \_\_\_\_\_

B) Which item did she have the most of? \_\_\_\_\_

5) Andrew went for a walk outside and saw some swans, fish, ducks and frogs. Make a bar graph of the animals she saw.

Animals	Number of animals
Swans	6
Fishes	2
Frogs	5
Ducks	1

A) How many more fish than ducks did she see? \_\_\_\_\_

B) Which animal did she see the most? \_\_\_\_\_



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6) Gavin looked in the kitchen cupboards and found some pans, plates, bottles, and bowls. Make a bar graph of the items he found:

Items	Number of Items
Pans	1
Plates	5
Bottles	6
Bowls	4

A) How many more plates than pans did he see? \_\_\_\_\_

B) Which item did he see the most of? \_\_\_\_\_

7) Micah went to a furniture store and saw some lamps, tables, couches and beds. Make a bar graph of the furniture he saw.

Furniture	Number of furniture
Lamps	2
Tables	4
Couches	5
Beds	3

A) Which piece of furniture did he see more of tables or lamps? \_\_\_\_\_

B) Which piece of furniture did he see most often? \_\_\_\_\_

8) Eden went to the farmers' market and saw some apples, mangoes, guavas and oranges. Make bar graph of the fruit she saw:

Fruits	Number of fruits
Apple	5
Mango	3
Guava	4
Orange	2

A) Which fruit did she see the fewest of? \_\_\_\_\_

B) Which fruit was there more of apples or mangoes? \_\_\_\_\_



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9) Emily looked in the kitchen cupboards and found some pans, plates, knives, and bowls. Make a bar graph of the items she found:

Item	Number of items
Pans	4
Plates	3
Knives	2
Bowls	6

A) Which item did she see the fewest of? \_\_\_\_\_

B) Which item is there more of bowls or pans? \_\_\_\_\_

10) Piper asked ten people what they had for breakfast. Make a bar graph showing how many people had eaten each type of food:

Food item	Number of Food item
Cinnamon rolls	3
Bagels	4
Ice cream	5
Pastries	2

A) Which item was eaten more ice cream or pastries? \_\_\_\_\_

B) Which item was eaten most by people? \_\_\_\_\_

