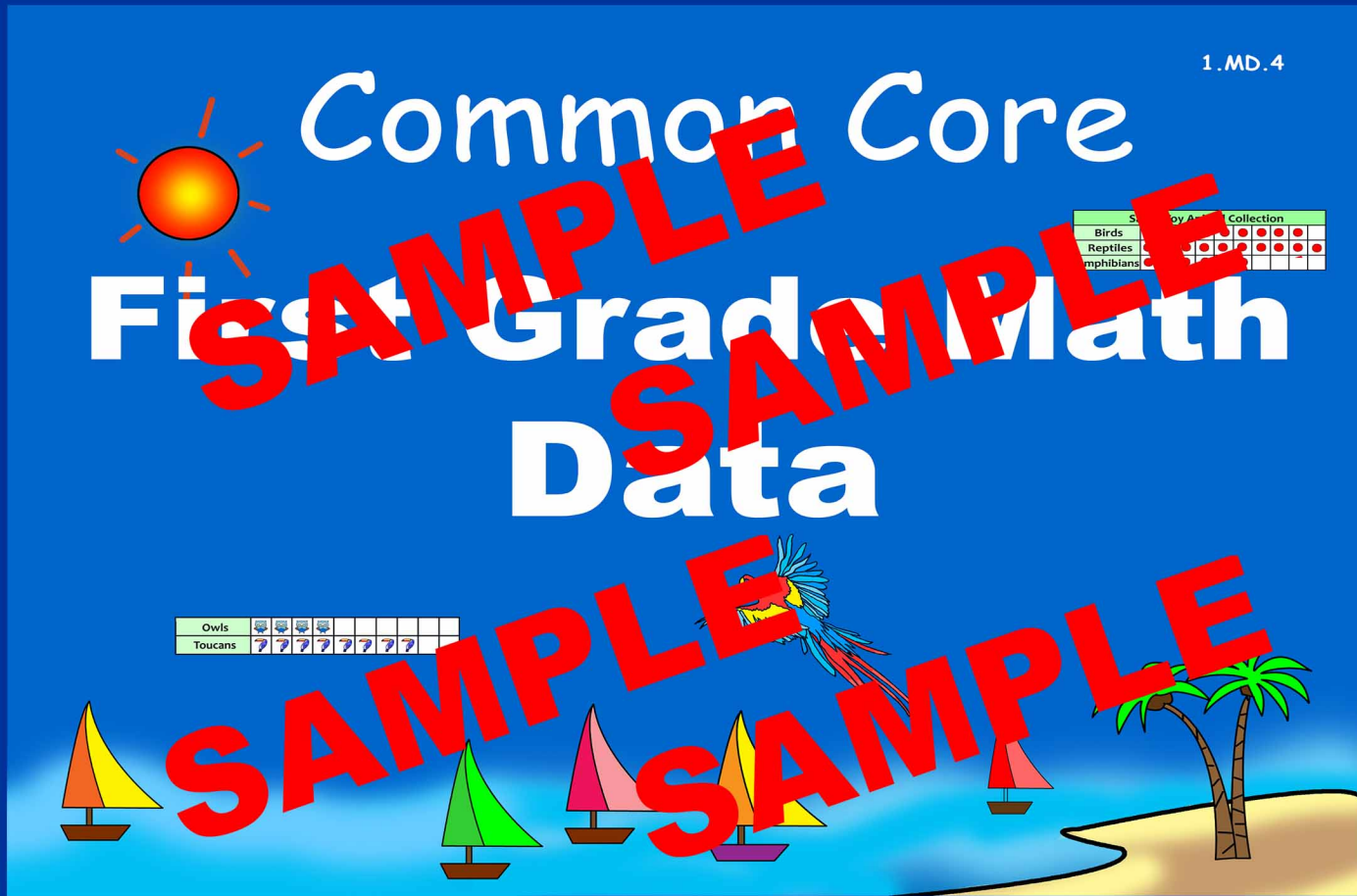


In Three Formats:

Google Slides, PPT, & PDF



1.MD.4

Common Core First Grade Math Data

	S	by	Collection
Birds			
Reptiles			
Amphibians			

Owls									
Toucans	?	?	?	?	?	?	?	?	?

The slide features a blue background with a sun in the top left, a parrot in the middle right, and several sailboats on the water at the bottom. A large red 'SAMPLE' watermark is repeated diagonally across the center.

Prep Free! Ready to Use! Independent!

Introduction

1. **All versions, PDF, Google Slides, and PPD share the same contents. However, there are slight wording changes to accommodate each version.**
2. **This product covers Common Core Standard 1.MD.4 in Measurement and Data.**
3. **There are 11 student work pages and 11 answer pages. Student work pages are provided in both ink and color while answer pages are only available in color.**

Page 5-15: Student Work Sheets in Ink

Page 16-26: Student Work Sheets in Color

Page 27-37: Answer Sheets in Color

Table of Contents

1. Introduction - Order by Length
2. Data - Two Categories - Sort Pictures
3. Data - Two Categories - Compare Picture Data
4. Data - Three Categories - Compare Picture Data
5. Data - Two Categories - Sort Pictures, Record in Pictures, and Compare Data
6. Data - Two Categories - Sort Pictures, Record in Dots and 5-Groups, and Compare Data
7. Data - Two Categories - Sort Pictures, Record in Dots, and Compare Data
8. Data - Three Categories - Read Picture Data Table and Compare Data
9. Data - Three Categories - Sort Pictures, Record in Dots, and Compare Data
10. Data - Three Categories - Write Your Own Questions and Answers
11. Formal Assessment

Covers standards 1.MD.4 in Measurement and Data

Differentiated! Interactive! Independent! Prep Free! Easy to Use!

Name: _____ ©Qiang Ma

Answer Sheet Data

Directions: The animals are not in correct categories. Drag and drop each animal into its correct category. Fill the blanks.

Birds	Mammals
Total number: <input type="text" value="8"/>	Total number: <input type="text" value="6"/>

- How many animals in all? 14
- Which group with more animals? birds
- Which group with fewer animals? mammals

Name: _____ ©Qiang Ma

Answer Sheet Data

Directions: Sort the animals. Drag and drop the bottom owls and toucans to record the picture on top. Fill the blanks.

Owls	Toucans

- There are 4 owls and 8 toucans.
- There are 12 animals altogether.
- There are 4 more toucans than owls.
- There are 4 fewer owls than toucans.

Name: _____ ©Qiang Ma

Answer Sheet Data

Directions: Use the data to answer the questions. Fill in the blanks.

Animals in the Park	Total
Birds:	Total: <u>6</u>
Fish:	Total: <u>9</u>
Insects:	Total: <u>3</u>

- There are 3 more fish than birds in the park.
- There are 3 fewer insects than birds in the park.

Animals in the Natural Reserve	Total
Amphibians:	Total: <u>8</u>
Insects:	Total: <u>2</u>
Arachnids:	Total: <u>6</u>

- There are the most of which animal kingdom? amphibian
- There are the fewest of which animal kingdom? arachnid

Name: _____ ©Qiang Ma

Answer Sheet Data

Directions: Sort the animals. Cut and glue the dots for birds, insects, and fish. Fill the blanks.

Animals in the Zoo	Birds	Insects	Fish
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- There are 2 birds, 7 fish, and 1 insect.
- There are 12 animals all together.
- There are 1 more insect than birds and 5 more insects than birds.
- There are 1 fewer fish than insects and 5 fewer birds than insects.
- There are 1 insect of which animal kingdom? insect
- There are 2 birds of which animal kingdom? bird

Google Slides Version

First Grade Math

Data

SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE

Table of Contents

- 1. Introduction
- 2. Data - Ten Categories
- 3. Data - Ten Categories (continued)
- 4. Data - Ten Categories (continued)
- 5. Data - Ten Categories (continued)
- 6. Data - Ten Categories (continued)
- 7. Data - Ten Categories (continued)
- 8. Data - Ten Categories (continued)
- 9. Data - Ten Categories (continued)
- 10. Data - Ten Categories (continued)

Introduction

Basic Steps in Presenting and Comparing Data

1. Identify the data (e.g. animals)
2. Classify the data (e.g. birds or mammals)
3. Classify Sort the data into groups
4. Compare the groups
5. Give a conclusion (e.g. I have more birds than mammals.)
6. Get the conclusion (e.g. I have more birds than mammals.)

Data

Directions: The animals are not in correct categories. Drag and drop each animal into its correct category. Fill the blanks.

Birds	Mammals
Total number: 7	Total number: 7

1. How many animals in all? 7
2. Which group with more animals? Birds
3. Which group with fewer animals? Mammals

Answer Sheet

Directions: The animals are not in correct categories. Drag and drop each animal into its correct category. Fill the blanks.

Birds	Mammals
Total number: 7	Total number: 7

1. How many animals in all? 7
2. Which group with more animals? Birds
3. Which group with fewer animals? Mammals

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 animals all together.
2. There are 7 more birds than mammals.
3. There are 7 fewer mammals than birds.

Data

Directions: Draw matching lines to compare. Fill the blanks.

SF Zoo

NY Zoo

1. SF Zoo has 2 more peacocks than NY Zoo.
2. NY Zoo has 2 fewer peacocks than SF Zoo.

CO Zoo

TX Zoo

1. 2 Zoo has 2 more flamingos than 2 Zoo.
2. 2 Zoo has 2 fewer flamingos than 2 Zoo.

Answer Sheet

Directions: Draw matching lines to compare. Fill the blanks.

SF Zoo

NY Zoo

1. SF Zoo has 2 more peacocks than NY Zoo.
2. NY Zoo has 2 fewer peacocks than SF Zoo.

CO Zoo

TX Zoo

1. 2 Zoo has 2 more flamingos than 2 Zoo.
2. 2 Zoo has 2 fewer flamingos than 2 Zoo.

Data

Directions: Use the data to answer the questions. Fill the blanks.

Animals in the Park

Birds	Fish	Insects
Total: 6	Total: 3	Total: 9

1. There are 2 more fish than birds in the park.
2. There are 3 fewer birds than fish in the park.

Animals in Coyote Natural Reserve

Amphibians	Arachnids	Reptiles
Total: 7	Total: 8	Total: 6

1. There are the most of which animal kingdom? amphibian
2. There are the fewest of which animal kingdom? reptiles

Answer Sheet

Directions: Use the data to answer the questions. Fill the blanks.

Animals in the Park

Birds	Fish	Insects
Total: 6	Total: 3	Total: 9

1. There are 2 more fish than birds in the park.
2. There are 3 fewer birds than fish in the park.

Animals in Coyote Natural Reserve

Amphibians	Arachnids	Reptiles
Total: 7	Total: 8	Total: 6

1. There are the most of which animal kingdom? amphibian
2. There are the fewest of which animal kingdom? reptiles

Data

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 birds and 7 mammals.
2. There are 7 animals all together.
3. There are 7 more mammals than birds.
4. There are 7 fewer birds than mammals.

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 birds and 7 mammals.
2. There are 7 animals all together.
3. There are 7 more mammals than birds.
4. There are 7 fewer birds than mammals.

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 animals all together.
2. There are 7 more birds than mammals.
3. There are 7 fewer mammals than birds.

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 animals all together.
2. There are 7 more birds than mammals.
3. There are 7 fewer mammals than birds.

Data

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 birds and 7 mammals.
2. There are 7 animals all together.
3. There are 7 more mammals than birds.
4. There are 7 fewer birds than mammals.

Data

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 birds and 7 mammals.
2. There are 7 animals all together.
3. There are 7 more mammals than birds.
4. There are 7 fewer birds than mammals.

Data

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 purple birds, 7 blue birds, and 7 green birds.
2. There are 7 animals all together.
3. There are 7 more blue birds.
4. There are 7 more purple birds than blue birds.
5. There are the most of which color? purple
6. There are the fewest of which color? blue

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Mammals
Total: 7	Total: 7

1. There are 7 purple birds, 7 blue birds, and 7 green birds.
2. There are 7 animals all together.
3. There are 7 more blue birds.
4. There are 7 more purple birds than blue birds.
5. There are the most of which color? purple
6. There are the fewest of which color? blue

Data

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Insects	Fish
Total: 6	Total: 9	Total: 3

1. There are 2 birds, 9 insects and 3 fish.
2. There are 2 animals all together.
3. There are 2 more fish than birds and 2 more insects than birds.
4. There are 2 fewer birds than insects.
5. There are most of which animal kingdom? insect
6. There are fewest of which animal kingdom? bird

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Insects	Fish
Total: 6	Total: 9	Total: 3

1. There are 2 birds, 9 insects and 3 fish.
2. There are 2 animals all together.
3. There are 2 more fish than birds and 2 more insects than birds.
4. There are 2 fewer birds than insects.
5. There are most of which animal kingdom? insect
6. There are fewest of which animal kingdom? bird

Data

Directions: Read the description and fill the blanks.

Sam records his toy animal collection. He drew one dot for each animal.

Write two questions about the data. Answer each question.

Birds	Reptiles	Amphibians
Total: 4	Total: 4	Total: 4

1. Your Question: How many reptiles does Sam have?
- Your Answer: 4
2. Your Question: How many amphibians does Sam have?
- Your Answer: 4

Answer Sheet

Directions: Read the description and fill the blanks.

Sam records his toy animal collection. He drew one dot for each animal.

Write two questions about the data. Answer each question.

Birds	Reptiles	Amphibians
Total: 4	Total: 4	Total: 4

1. Your Question: How many reptiles does Sam have?
- Your Answer: 4
2. Your Question: How many amphibians does Sam have?
- Your Answer: 4

Assessment

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Reptiles	Amphibians
Total: 4	Total: 4	Total: 4

1. There are 4 birds, 4 reptiles, and 4 amphibians.
2. There are 4 animals all together.
3. There are 4 more reptiles than amphibians.
4. There are 4 fewer birds than reptiles.

Answer Sheet

Directions: Sort the animals. Drag and drop the data to record the birds and mammals. Fill the blanks.

Birds	Reptiles	Amphibians
Total: 4	Total: 4	Total: 4

1. There are 4 birds, 4 reptiles, and 4 amphibians.
2. There are 4 animals all together.
3. There are 4 more reptiles than amphibians.
4. There are 4 fewer birds than reptiles.

PDF Version

First Grade Math

Data

Common Core

First Grade Math

Data

Introduction

All versions, PDF, Cursive, Handwritten, there are eight pages to accommodate different versions.

Version 1: Standard LMD-4 in color

Version 2: Student Workbook in Ink

Version 3: Student Workbook in Color

Version 4: Answer Sheets in Color

Table of Contents

- Introduction: Object Length
- How: The Cursive: Handwritten
- How: The Cursive: Cursive Print Form
- How: The Cursive: Cursive Print Form
- How: The Cursive: San Prints, Bookends, Pencil and Cursive One
- How: The Cursive: San Prints, Bookends, Pencil and Cursive One
- How: The Cursive: San Prints, Bookends, Pencil and Cursive One
- How: The Cursive: San Prints, Bookends, Pencil and Cursive One
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- How: The Cursive: San Prints, Bookends, Pencil and Cursive One
- How: The Cursive: San Prints, Bookends, Pencil and Cursive One

Introduction

Directions: Please notice the basic data knowledge before working.

Basic Steps in Presenting and Comparing Data

- Sorting Data
 - 1.1. Gather the data (e.g. animals)
 - 1.2. Identify the attributes for the sorting rule (e.g. sort the animals into birds or mammals)
 - 1.3. Classify/sort the data according to the sorting rule (e.g. use circles/dots and 5-groups)
 - 1.4. Record the data (e.g. use circles/dots and 5-groups)
- Comparing Data
 - 2.1. Give meaningful reports on the data (e.g. Look at all the animals together, get our conclusion: more birds, fewer mammals)
 - 2.2. Which are more animals?
 - 2.3. Which are fewer animals?
 - 2.4. Which are most of which animal kingdom?
 - 2.5. Which are the fewest of which animal kingdom?

Data

Directions: Draw matching lines to connect. Fill the blanks.

Birds	Mammals

1. SF Zoo has _____ more peacocks than NY Zoo.
2. NY Zoo has _____ fewer peacocks than SF Zoo.

Data

Directions: Draw matching lines to connect. Fill the blanks.

SF Zoo	NY Zoo

1. SF Zoo has _____ more peacocks than NY Zoo.
2. NY Zoo has _____ fewer peacocks than SF Zoo.

Data

Directions: Read the description and fill the data to record the birds.

Birds	Mammals

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Owls	Toucans

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Use the data to answer the questions. Fill the blanks.

Purple	Blue	Green

1. There are _____ purple birds.
2. There are _____ blue birds.
3. There are _____ green birds.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Read the description and fill the data to record the birds.

Birds	Reptiles	Amphibians

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Assessment

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Introduction

Directions: Please notice the basic data knowledge before working.

Basic Steps in Presenting and Comparing Data

- Sorting Data
 - 1.1. Gather the data (e.g. animals)
 - 1.2. Identify the attributes for the sorting rule (e.g. birds or mammals)
 - 1.3. Classify/sort the data according to the sorting rule (e.g. sort the animals into birds or mammals)
 - 1.4. Record the data (e.g. use circles/dots and 5-groups)
- Comparing Data
 - 2.1. Give meaningful reports on the data (e.g. Look at all the animals together, get our conclusion: more birds, fewer mammals)
 - 2.2. Which are more animals?
 - 2.3. Which are fewer animals?
 - 2.4. Which are most of which animal kingdom?
 - 2.5. Which are the fewest of which animal kingdom?

Data

Directions: The animals are not in order. Cut and paste each animal into the correct box.

Birds	Mammals

1. SF Zoo has _____ more peacocks than NY Zoo.
2. NY Zoo has _____ fewer peacocks than SF Zoo.

Data

Directions: Draw matching lines to connect. Fill the blanks.

SF Zoo	NY Zoo

1. SF Zoo has _____ more peacocks than NY Zoo.
2. NY Zoo has _____ fewer peacocks than SF Zoo.

Data

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Reptiles	Amphibians

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Mammals

1. There are _____ purple birds.
2. There are _____ blue birds.
3. There are _____ green birds.

Data

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Data

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Reptiles	Amphibians

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Assessment

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Reptiles	Amphibians

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Introduction

Directions: Please notice the basic data knowledge before working.

Basic Steps in Presenting and Comparing Data

- Sorting Data
 - 1.1. Gather the data (e.g. animals)
 - 1.2. Identify the attributes for the sorting rule (e.g. birds or mammals)
 - 1.3. Classify/sort the data according to the sorting rule (e.g. sort the animals into birds or mammals)
 - 1.4. Record the data (e.g. use circles/dots and 5-groups)
- Comparing Data
 - 2.1. Give meaningful reports on the data (e.g. Look at all the animals together, get our conclusion: more birds, fewer mammals)
 - 2.2. Which are more animals?
 - 2.3. Which are fewer animals?
 - 2.4. Which are most of which animal kingdom?
 - 2.5. Which are the fewest of which animal kingdom?

Answer Sheet

Directions: Draw matching lines to connect. Fill the blanks.

Birds	Mammals

1. SF Zoo has _____ more peacocks than NY Zoo.
2. NY Zoo has _____ fewer peacocks than SF Zoo.

Answer Sheet

Directions: Draw matching lines to connect. Fill the blanks.

SF Zoo	NY Zoo

1. SF Zoo has _____ more peacocks than NY Zoo.
2. NY Zoo has _____ fewer peacocks than SF Zoo.

Answer Sheet

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Reptiles	Amphibians

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Answer Sheet

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Answer Sheet

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Answer Sheet

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Answer Sheet

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Mammals

1. There are _____ purple birds.
2. There are _____ blue birds.
3. There are _____ green birds.

Answer Sheet

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

Answer Sheet

Directions: Use the data to answer the questions. Fill the blanks.

Birds	Reptiles	Amphibians

1. There are _____ more fish than birds in the park.
2. There are _____ fewer birds than fish in the park.

Answer Sheet

Directions: Sort the animals. Cut and glue the animals and record in the table.

Birds	Mammals

1. There are _____ animals all together.
2. There are _____ more birds than mammals.
3. There are _____ fewer mammals than birds.

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I draw all the clipart myself for all the products in my store.

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Let children be engaged, challenged, and shine!

*Thank you
for using this lesson!*