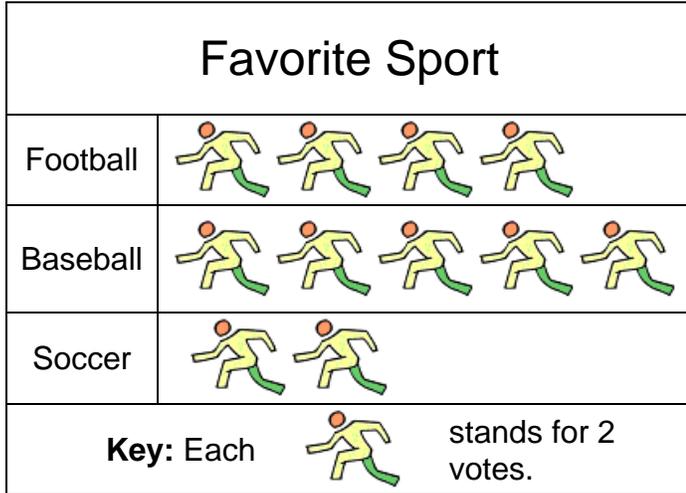


Skill 2 -11A: Graphs: Using Data

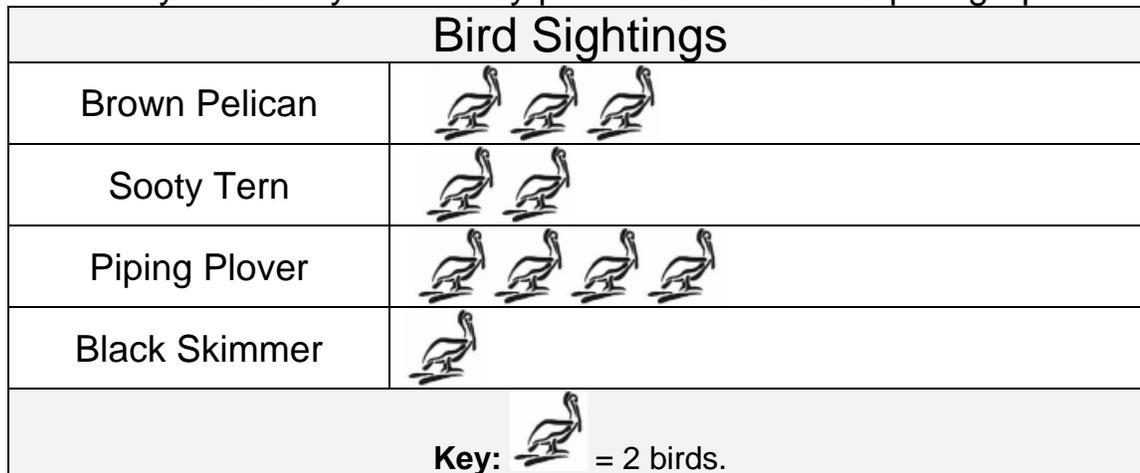
Pictographs

Directions: Joey took a survey of his classmates to find out which sport is each person's favorite. He recorded each person's answer in this pictograph. Using the data from the graph answer the following questions. Be sure to look at the key at the bottom of the graph.



1. How many students chose baseball as their favorite sport?
2. How many more students chose football than soccer?
3. How many more students chose baseball as their favorite sport than those who chose football?

Melissa's class visited the Canaveral National Seashore in Florida and recorded how many birds they saw. They put the results in this pictograph.



Use the data from the pictograph. (remember to look at the key.)

1. How many Brown Pelicans did the students in Melissa's class see? _____
2. How many Sooty Terns did the student see? _____
3. How many Piping Plovers did the students in Melissa's class see? _____
4. How many more Brown Pelicans than Black Skimmers did the students see? _____
5. How many birds did the class see in all? _____

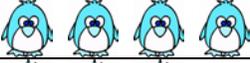
Name _____

Date _____

Skill 2 -11A: Graphs: Using Data

Pictographs

Directions: Use the data from the pictograph to answer the questions below.

Zoo Animals	
Lions	
Tigers	
Giraffes	
Monkeys	
Key:  = 2 animals.	

1. How many giraffes live in the zoo?
2. How many lions live in the zoo?
3. How many more monkeys live in the zoo than giraffes?
4. How many more tigers live in the zoo than lions?
5. How many animals live in the zoo altogether?
6. How many fewer lions live in the zoo than monkeys?
7. Which group of animals has the fewest number living in the zoo?
8. Which group has the most?
9. How many more giraffes live in the zoo than lions?

Skill 2 -11A: Graphs: Using Data

Pictographs

Directions: Use the data from the pictograph to answer the questions below.

The students in Lana's class visited Sea World in Florida and recorded how many different fish they saw in the aquarium. They put the results in this pictograph.

Fish Sightings	
Clown Barb	
Swordtail	
Rainbow Fish	
Lemon Tetra	
Key:  = 2 fish.	

1. How many Rainbow fish did the students see?
2. How many Clown Barb fish did the students see?
3. How many fish did the students see altogether?
4. How many more Swordtails than Clown Barb fish did the students see?
5. How many more Swordtails than Lemon Tetras fish did the students see?
6. How many fewer Clown Barb fish were seen than Lemon Tetras?

Answer Key
Skill 2 -11A

Favorite Sport	
Football	
Baseball	
Soccer	
<p>Key: Each  stands for 2 votes.</p>	

1. How many students chose baseball as their favorite sport? **answer: 10**

Each picture is 2 votes (look at the key)
There are 5 pictures. $2 \times 5 = 10$

2. How many more students chose football than soccer? **answer: 4**

the number of students who chose football is 8
the number of students who chose soccer is 4
 $8 - 4 = 4$

3. How many more students chose baseball as their favorite sport than those who chose football? **Answer: 2**

chose baseball 10
chose football 8

$10 - 8 = 2$

Pictograph Number 2

1. How many Brown Pelicans did the students in Melissa's class see? **Answer: 6**

2. How many Sooty Terns did the student see? **Answer: 4**

3. How many Piping Plovers did the students in Melissa's class see? **Answer: 8**

4. How many more Brown Pelicans than Black Skimmers did the students see? **Answer: $6 - 2 = 4$**

5. How many birds did the class see in all? **Answer: $10 \times 2 = 20$**

Page 2

1. How many giraffes live in the zoo? **Answer: 6**

2. How many lions live in the zoo? **Answer: 4**

3. How many more monkeys live in the zoo than giraffes? **Answer: $10 - 6 = 4$**

4. How many more tigers live in the zoo than lions? **Answer: $8 - 4 = 4$**

5. How many animals live in the zoo altogether? **Answer: $14 \times 2 = 28$**

6. How many fewer lions live in the zoo than monkeys? **Answer: $10 - 4 = 6$**

7. Which group of animals has the fewest number living in the zoo? **Answer: lions**

8. Which group has the most? **Answer: monkeys**

9. How many more giraffes live in the zoo than lions? **Answer: $6 - 4 = 2$**

Answer Key
Skill 2 -11A

Page 3

1. How many Rainbow fish did the students see? **Answer: 6**
2. How many Clown Barb fish did the students see? **Answer: 6**
3. How many fish did the students see altogether? **Answer: $15 \times 2 = 30$**
4. How many more Swordtails than Clown Barb fish did the students see? **Answer: $10 - 6 = 4$**
5. How many more Swordtails than Lemon Tetras fish did the students see? **Answer: $10 - 8 = 2$**
6. How many fewer Clown Barb fish were seen than Lemon Tetras? **Answer: $8 - 6 = 2$**

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