NAME _____ DATE _____

Our Plan for Collecting Data

1 What is your question?

_____

_____

2 Who will ask the question?

_____

_____

3 Who will record students' responses?

_____

_____

4 How will you record students' responses?

_____

_____

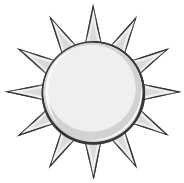
5 How will you make sure that you asked everyone?

_____

_____

NAME _____ DATE _____

More Comparison Problems



A teacher asked some students, "Which do you like better, winter or summer?"

4 students said winter.
6 more students like summer better than winter.
How many students like summer?

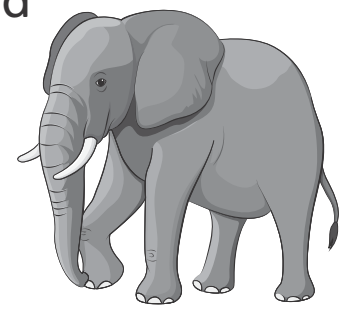
Solve the problem. Show your work.

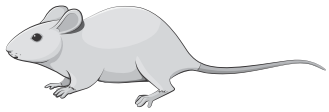
Winter 	Summer 

NAME DATE

More Comparison Problems

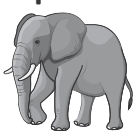
Rosa asked some of her classmates, "Would you rather be a mouse or an elephant?"





7 students would prefer to be a mouse.
4 fewer students would prefer to be an elephant than a mouse.
How many students would prefer to be an elephant?

Solve the problem. Show your work.

Mouse 	Elephant 

NAME _____ DATE _____

Cubes

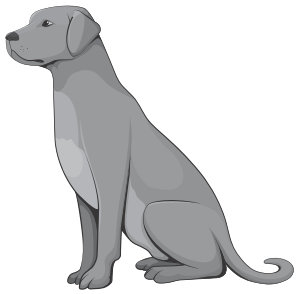
You have red cubes. Your friend has blue cubes.
You have _____ red cubes.
Your friend has _____ more cubes than you.
How many cubes does your friend have?

Use the survey chart or the blank space to solve the problem and show your work.

Red	Blue

NAME _____ DATE _____

Would You Rather Have a Cat or a Dog?



A teacher asked a group of students, "Would you rather have a cat or a dog?"

4 students said "dog."
4 more students said "cat" than said "dog."
How many students would rather have a cat?

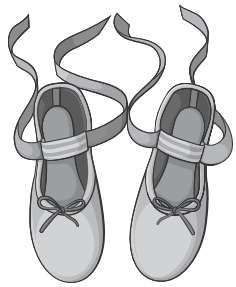
Use the survey chart or the blank space to solve the problem and show your work.

Cat 	Dog 

NAME _____ DATE _____

Would You Rather Sing or Dance?

A teacher asked her students,
"Would you rather sing or dance?"



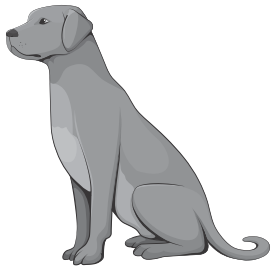
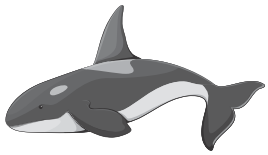
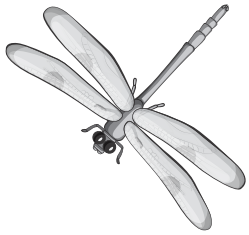
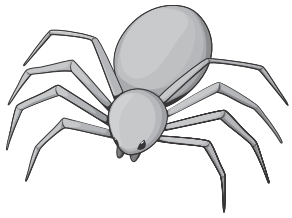
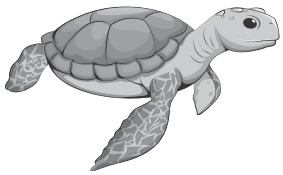
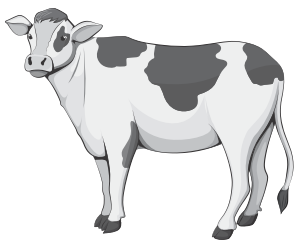
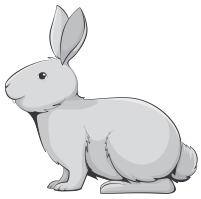
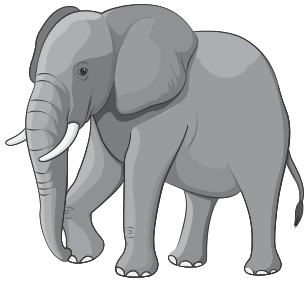
_____ students would rather sing.
_____ fewer students would rather dance than sing.
How many students would rather dance?

Use the survey chart or the blank space to solve the problem and show your work.

Sing 	Dance 

NAME _____ DATE _____

Animal Data

 Dog	 Whale	 Squirrel	 Cat
 Duck	 Dragonfly	 Mouse	 Spider
 Fish	 Ladybug	 Turtle	 Eagle
 Cow	 Rabbit	 Penguin	 Elephant

NAME _____ DATE _____

Describing and Interpreting Data

Students used check marks to answer the following question: "Would you rather drink orange juice, apple juice, or grape juice?"

Orange Juice 	✓✓✓✓✓ ✓
Apple Juice 	✓✓✓✓✓ ✓✓✓✓
Grape Juice 	✓✓✓✓✓ ✓✓✓✓✓ ✓

1 How many students chose orange juice? _____

2 How many students chose apple juice? _____

3 How many students chose grape juice? _____

4 How many students responded? _____

How did you figure this out? _____

_____

5 How many more students like grape juice than like apple juice? Show your work.

NAME | DATE

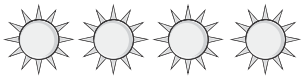
Birthday Data from Ms. Murray's Class

Stacy	fall
Deshawn	winter
Marta	winter
Isabel	spring
Lyle	fall
Talisa	fall
Paul	summer
Bruce	winter
Richard	spring
Tamika	fall
Libby	summer
Teo	spring
Toshi	spring
Nicky	fall
Felipe	summer
Vic	winter
Jacinta	fall
Paula	summer
Edgar	winter

NAME _____ DATE _____

Birthday Data in Four Categories

A teacher collected data about her students' birthdays. Here are the data.

Fall	
Winter	
Spring	
Summer	

1 How many students have birthdays in the fall? _____ winter? _____

spring? _____ summer? _____

2 How many students were surveyed? _____

How did you figure this out?

_____

3 Which season has the most birthdays? _____

4 On a blank piece of paper, show another way to represent the data.