

Dive Into Data

1st
GRADE

Number of children

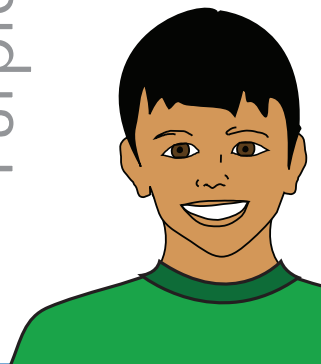


Can you tell which colors got the most votes?

My favorite color is purple.



Mine is green!



Red

Orange

Yellow

Green

Blue

Indigo

Purple



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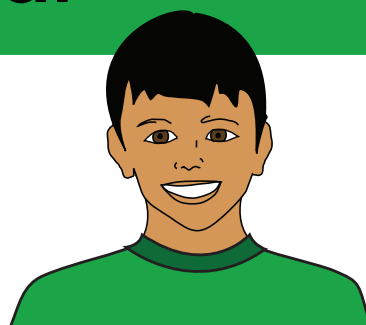
Dive Into Data

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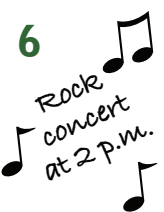





Certificate of Completion

Joey's Calendar

Look at the calendar below, then answer the questions on the next page.



July

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Meet up with Sally 	2	3	4 Fireworks in the park 	5
6 Rock concert at 2 p.m. 	7	8	9	10	11 Meet up with Sally 	12
13	14 Deliver newspapers at 5 a.m. 	15	16 call Aunt Lily 	17	18	19
20	21	22	23	24 Deliver newspapers at 5 a.m. 	25	26
27	28 Go to the science museum 	29	30	31		



Joey's Calendar

1. On What day will Joey go to the concert?

2. How many days after the concert will Joey talk to Aunt Lily?

3. On what days will Joey wake up before 5 a.m. to deliver the newspaper?

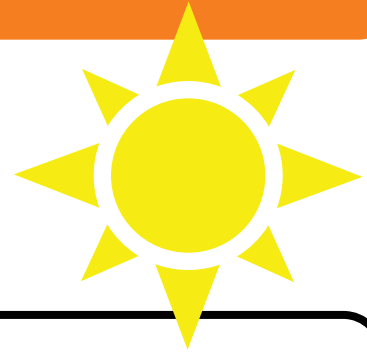
4. What will Joey do on the last Monday of the month?

5. On which two days will Joey meet up with Sally?








April Weather

Look at the calendar below, then answer the questions on the next page.



April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 
6	7	8	9 	10	11	12 
13	14	15	16	17	18	19
20	21 	22	23	24	25	26
27	28	29	30 			



April Weather

1. On which day of the month was it sunny?

2. On which weekend days did it rain during the month of April?

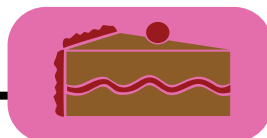
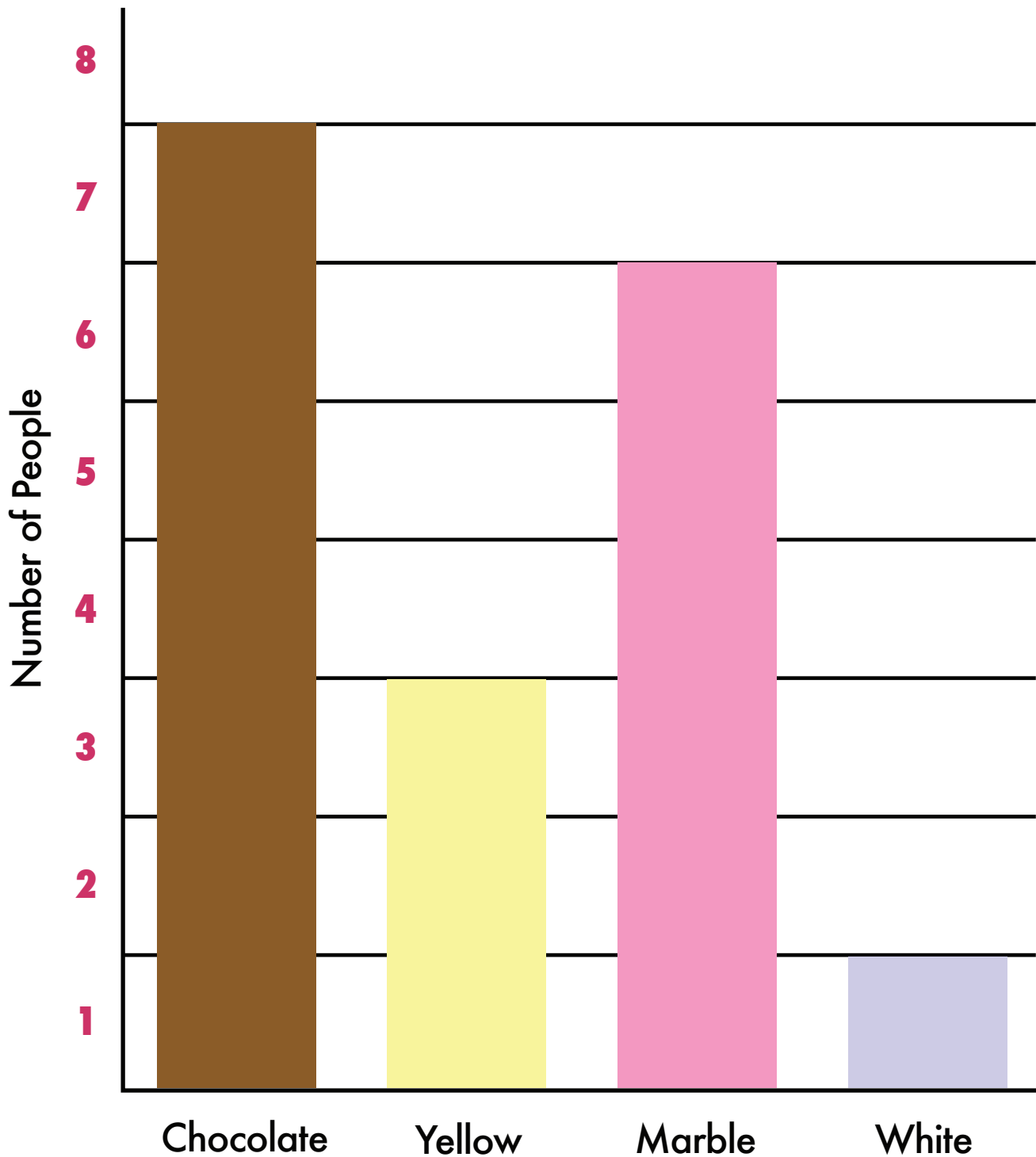
3. On which day in April did it thunderstorm?

4. When did school cancel outdoor recess because of rain?

5. When did the power go out because of bad weather?



Favorite Cake



Favorite Cake

1. How many people like chocolate cake?

2. How many people like marble cake?

3. How many people like yellow cake?

4. How many people like white cake?

5. What is the least popular cake?

6. What is the most popular cake?



Robbie Rabbit's Garden Graph



Help Mr. Rabbit count his vegetables by creating a bar graph. Color in the correct number of boxes for each vegetable. The first vegetable has been done for you.



5 Radishes



9 Carrots



6 Corns



7 Tomatoes



3 Cauliflowers



4 Mushrooms

10

9

8

7

6

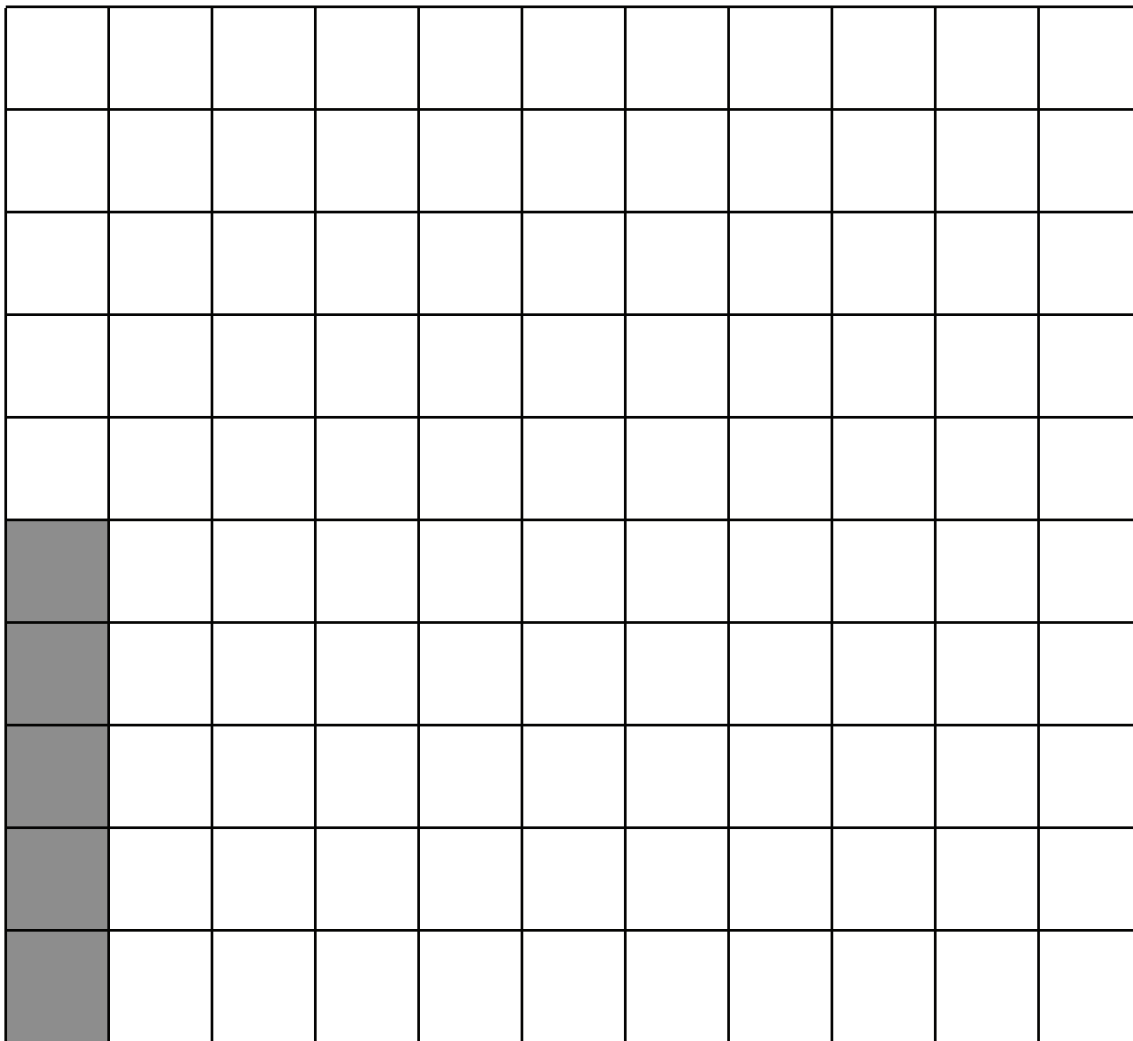
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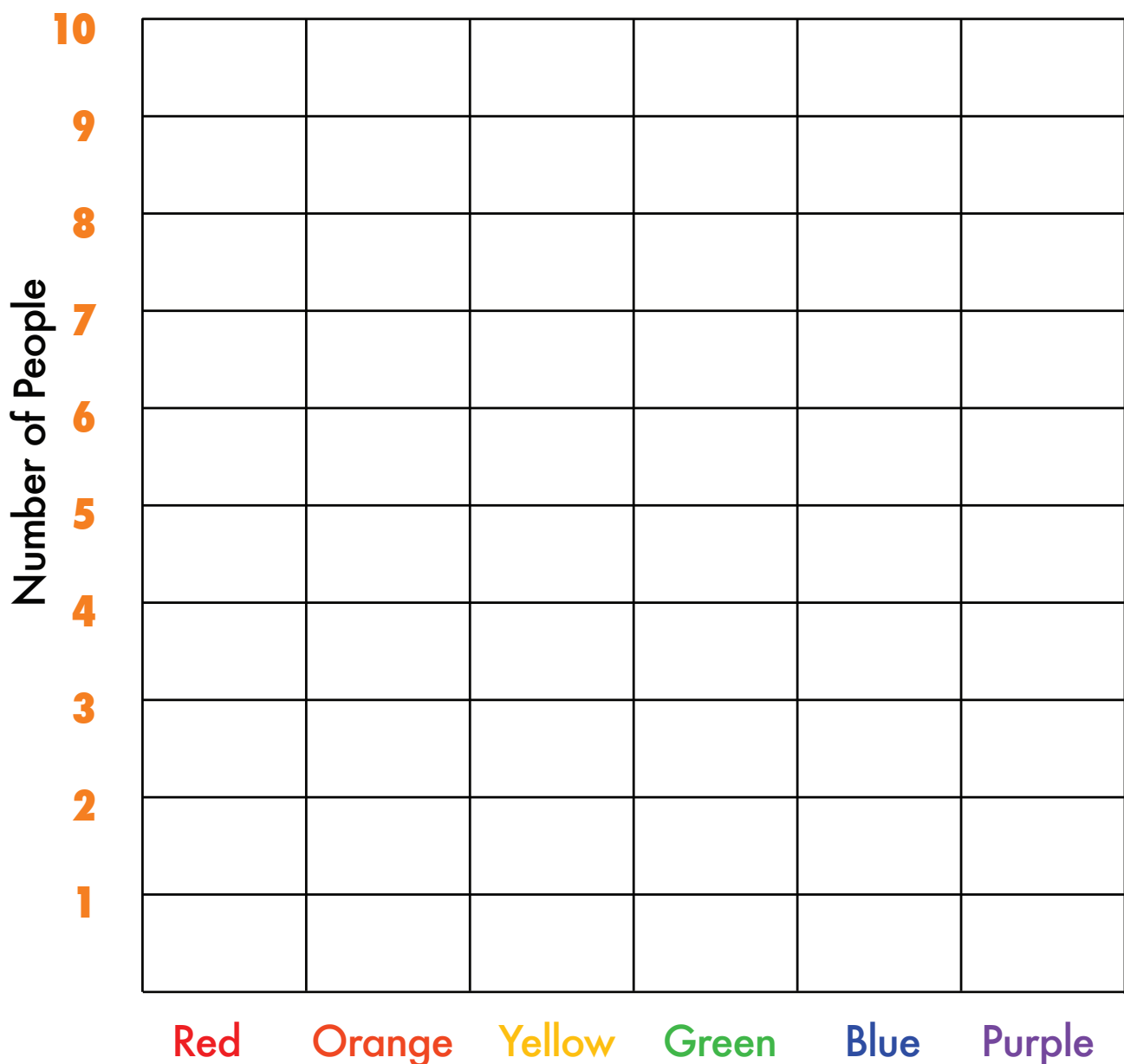
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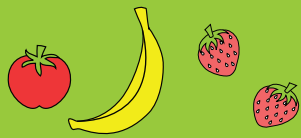
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Favorite Colors

Use the bar graph below to fill in your own data! Ask your friends and family to tell you what their favorite color is from the choices below.

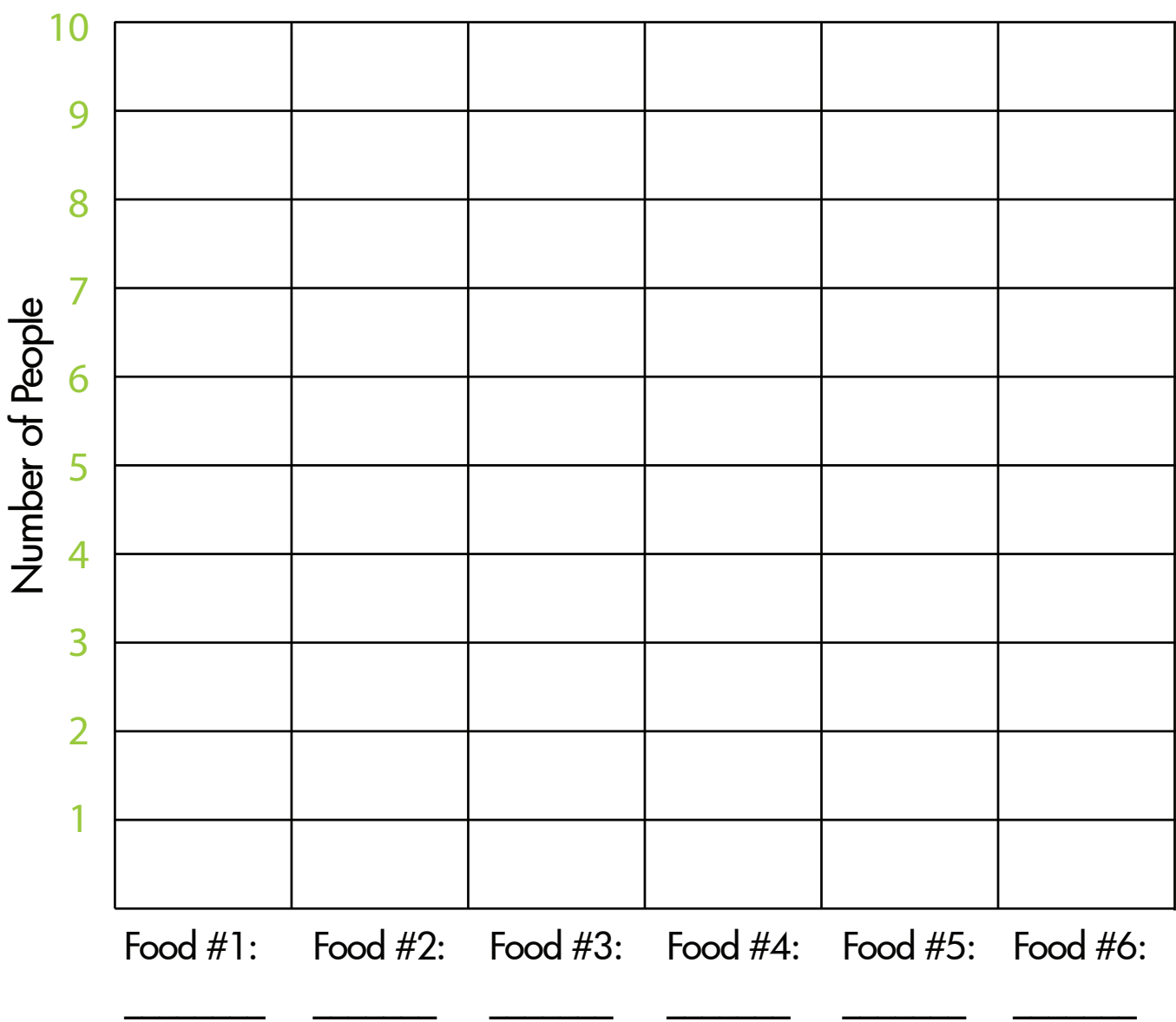




Favorite Foods






Use the bar graph below to fill in your own data! Ask your friends and family to tell you what their favorite food is! Write the foods you want to get votes for across the bottom. You do not have to use all six food boxes. When you are ready, interview your family and friends and then record the data you collect using different colors for each food.

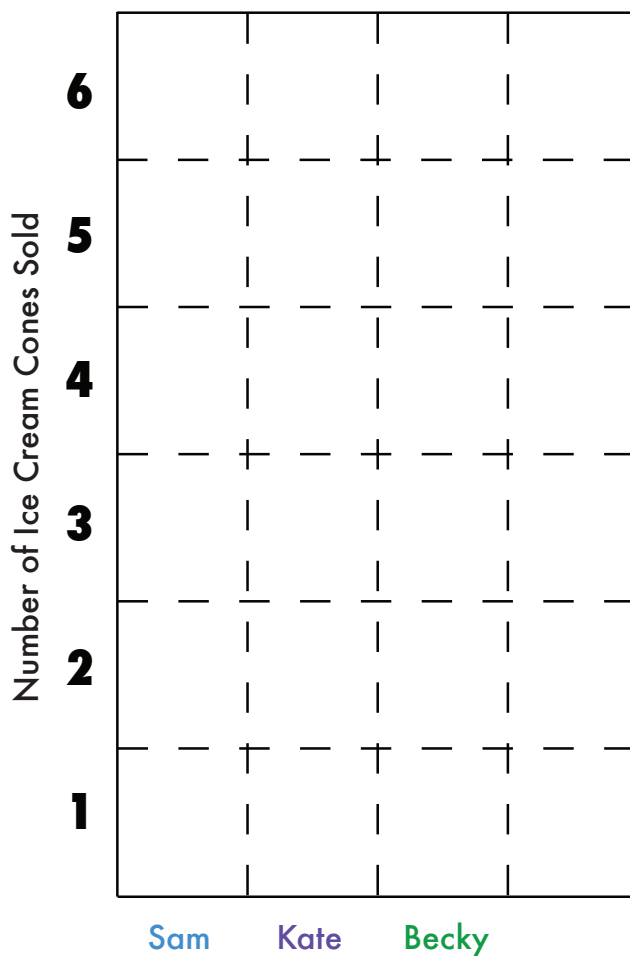


Ice Cream for Sale!

Use the chart below to color in the graph showing each child's ice cream cone sales. Use **blue** for Sam, **purple** for Kate, and **green** for Becky.

Number of Ice Cream Cones Sold

 Sam	4
 Kate	6
 Becky	3



1. Who sold the most ice cream?

Ice Cream for Sale!

2. Who sold the least ice cream?

3. How many more ice cream cones did Kate sell than Becky?

4. How many ice cream cones were sold in all?

5. Sam's friend Jason sold one more ice cream cone than Sam. How many ice cream cones did Jason sell?

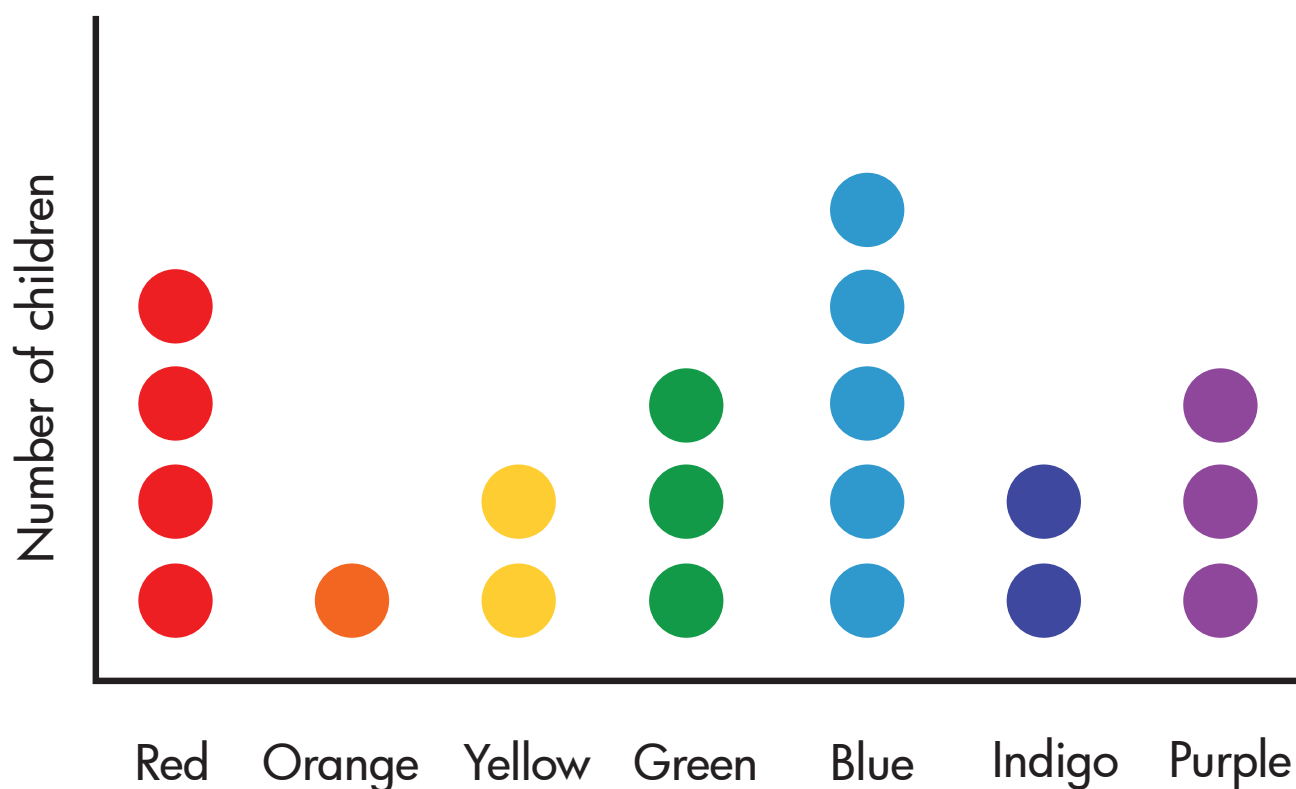
Now use a new color to add Jason's data to the graph above. Don't forget to label Jason's data by adding his name under the graph.



Understanding Graphs

Not every graph looks the same. A teacher asked her students to vote for their favorite colors, and she used circles instead of bars to show how many votes each color got.

Answer the questions below to show that you understand this graph.



1. How many students answered "green"?

Understanding Graphs

2. How many students answered "red"?

3. Which colors received only two votes?

4. Which color received the least amount of votes?

5. How many students voted for red, orange, and yellow altogether?

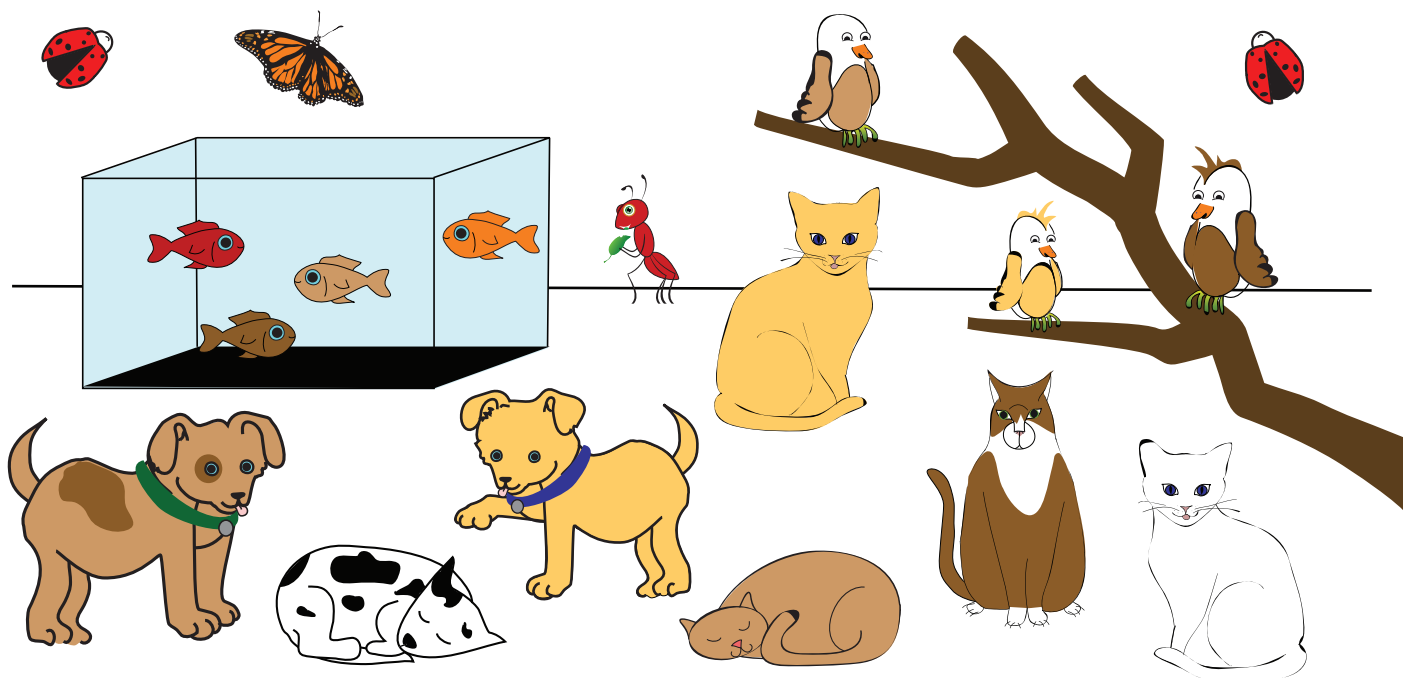
6. How many students are in the class?

7. If the teacher decides to use the top two favorite colors to decorate the classroom, which two colors would she use?



The Pet Store

Look at the pictures from Ashley's Pet Store. Count and record the numbers of each pet in the tally chart below. Then answer the questions on the next page.



Type of animal	Tally	Total
Insects		4
Fish		
Birds		
Cats		
Dogs		
Grand Total		

The Pet Store

1. How many more fish than dogs?

2. How many more insects than birds?

3. Which two types of animals total the same number?

4. Which type of animal is there most of at the pet store?

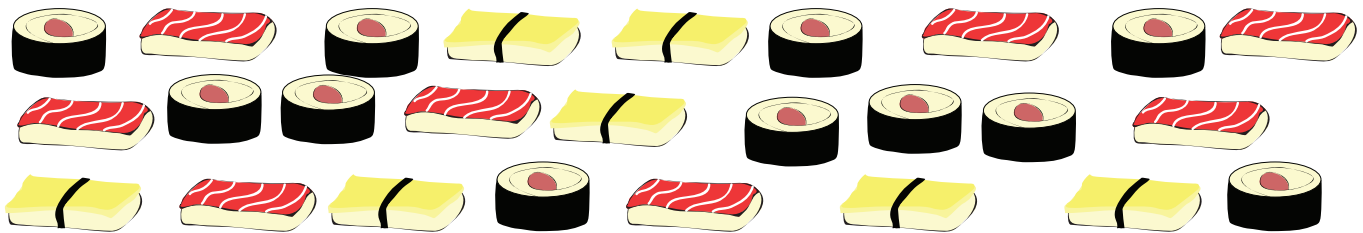
5. Which type of animal is there fewest of at the pet store?




6. How many pet store animals are there altogether?



Sushi Chef

Help the sushi chef record how much sushi he sold in the table below. First count how many of each type of sushi you see below and mark it in the table. Then write it in number form. Finally, answer the questions.



Type of sushi	Tally marks	Number
 Tuna roll		
 Salmon sushi		
 Egg sushi		

1. Which type of sushi was the most popular?

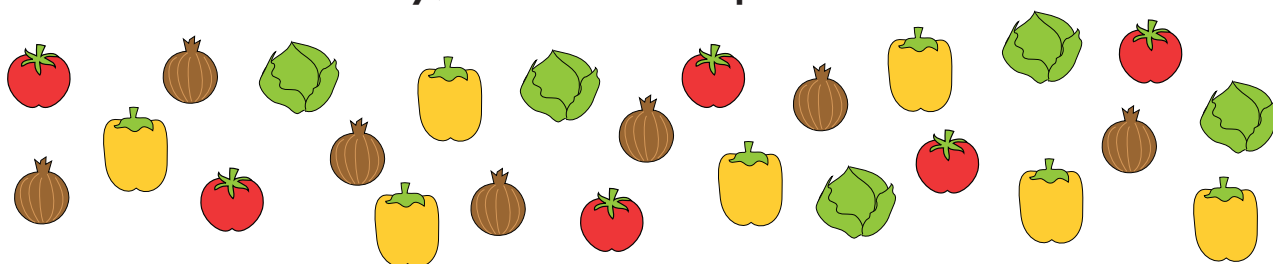
2. Which type of sushi was the least popular?

3. How many more tuna rolls did the chef sell than egg sushi?



Farmers Market

Help the farmer record how many vegetables he grew in the table below. First count how many of each type of vegetable he has and mark it in the table. Then write it in number form. Finally, answer the questions.



Type of vegetable	Tally marks	Number
 Cabbage		
 Tomato		
 Bell pepper		
 Onion		

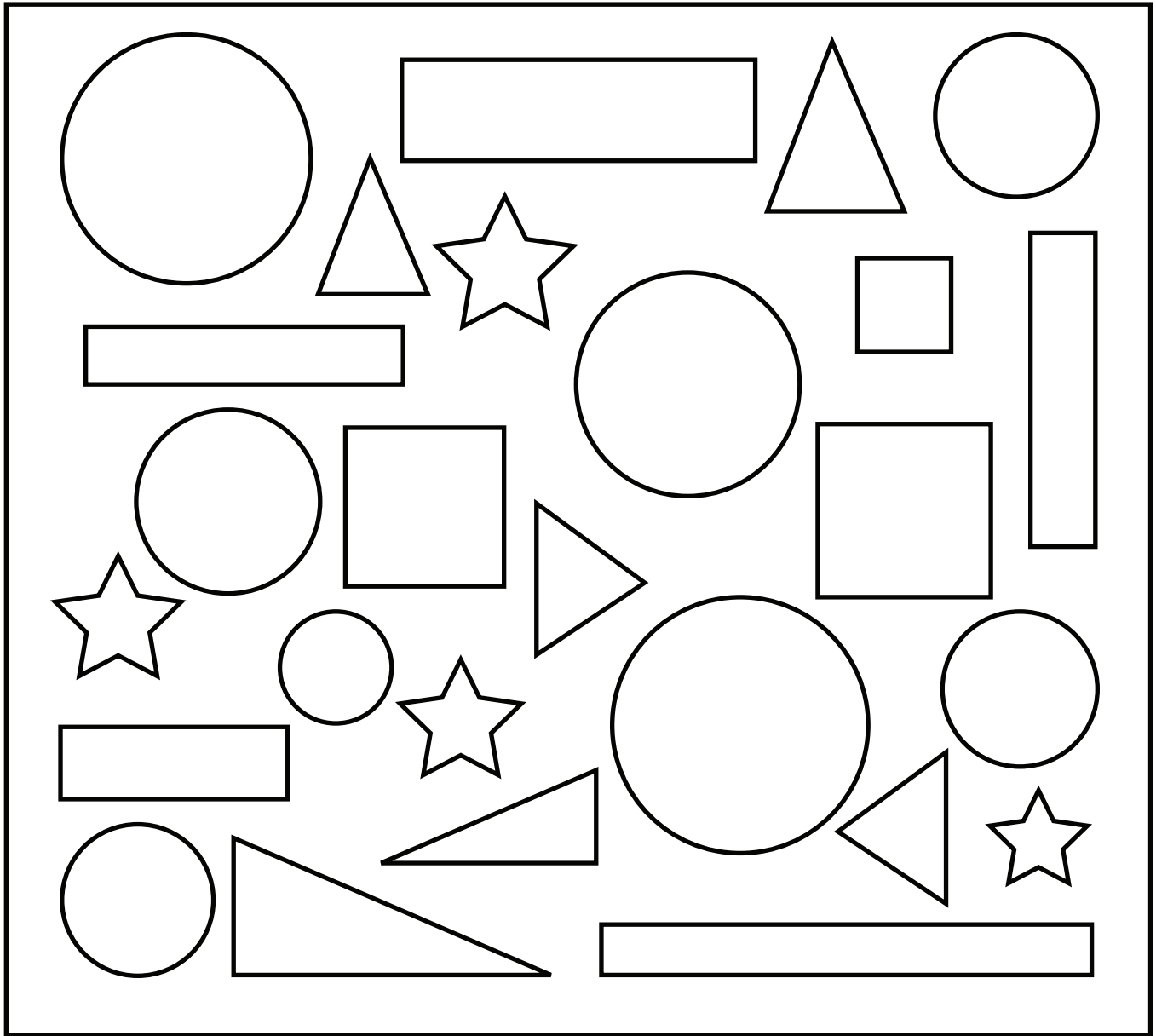
1. What vegetable does the farmer have the fewest of?

2. What vegetables does he have the most of?

3. How many vegetables does the farmer have in total?




Color and Count the Shapes



1. Color all the circles red.
2. Color all the squares blue.
3. Color all the stars green.
4. Color all the triangles purple.
5. Color all the rectangles orange.

Color and Count the Shapes

Count and chart how many shapes there are using tallies.

Shape	Tally	Number
 Star		
 Circle		
 Triangle		
 Square		
 Rectangle		

1. How many more circles than stars?

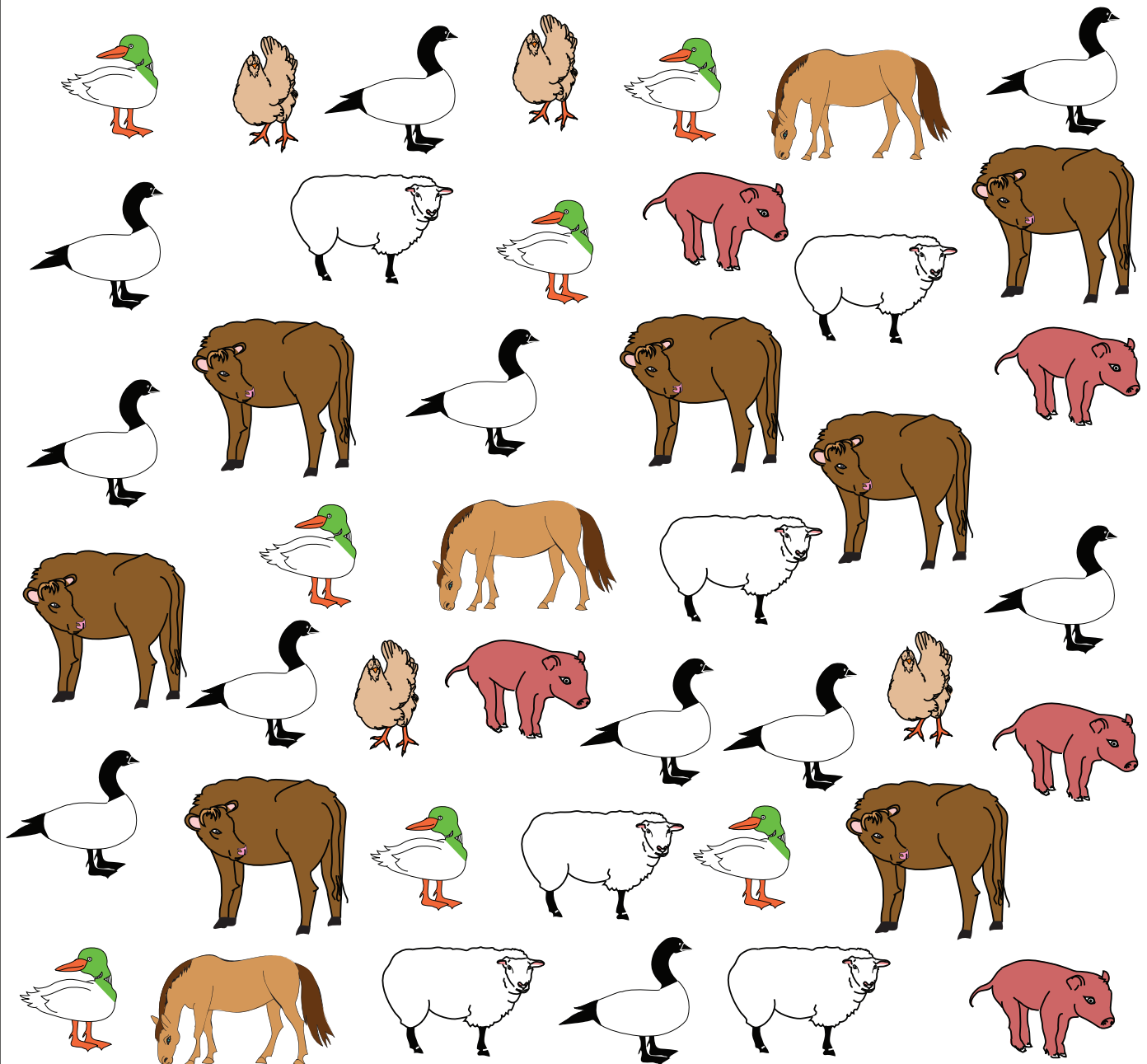
2. How many more triangles than rectangles?

3. How many fewer squares than triangles?





4. How many shapes altogether?




Minnie's Farm Visit

Minnie visited her grandfather's farm and saw lots of different farm animals. Can you help her record what she found? Use the chart on the next page to organize your data. Record the farm animal totals using tally marks. The first farm animal has been done for you.



Minnie's Farm Visit

	Sheep	 1
	Cows	
	Ducks	
	Hens	

	Geese	
	Pigs	
	Horses	

Now it is time to count your tallies! Answer the questions below using a number.

1. How many cows?

2. How many chickens?

3. How many more pigs than horses?

4. How many birds altogether?

5. Which two farm animals have the same totals?



Great job!

is an Education.com math superstar

