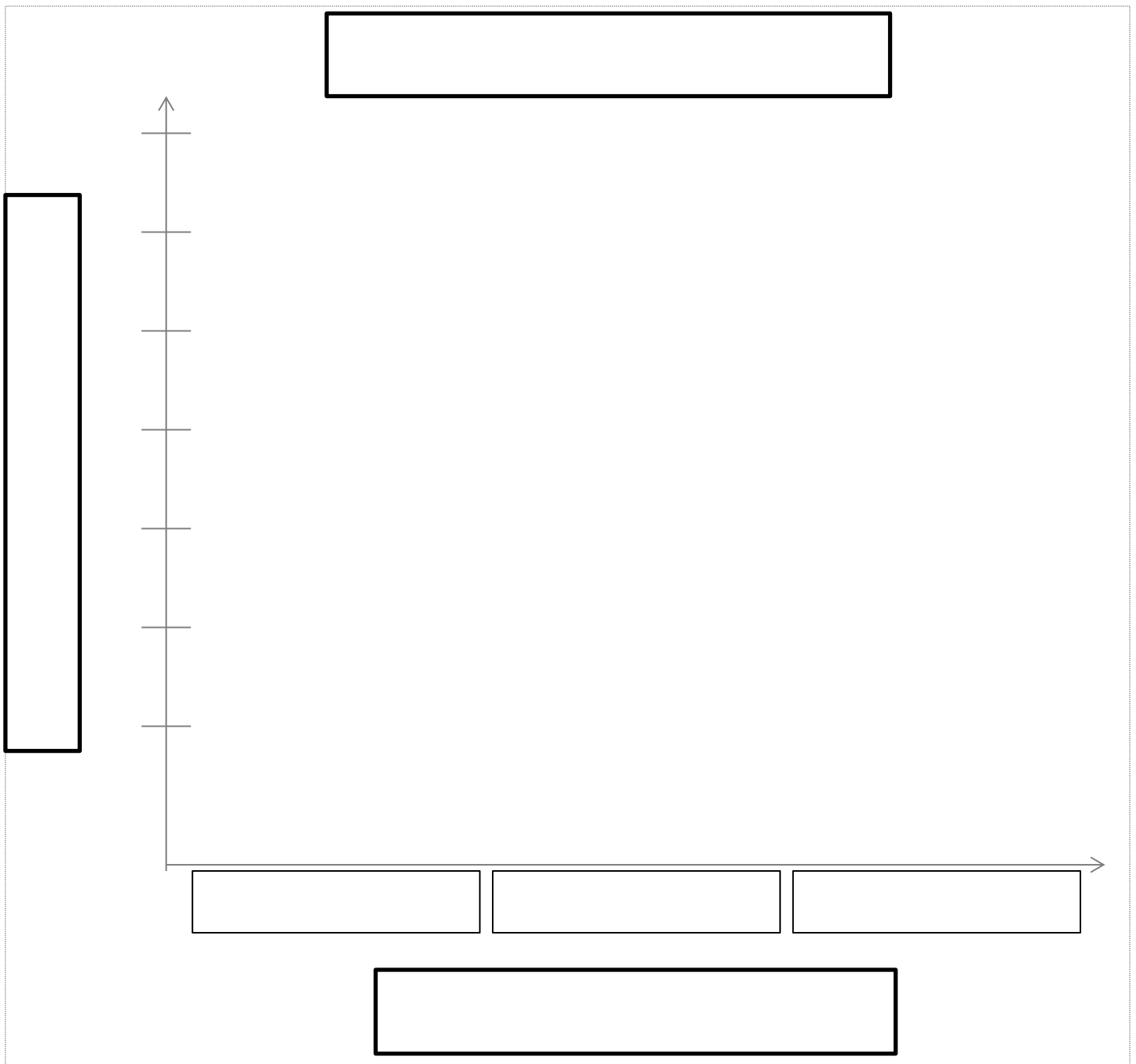


Name: _____

Pre-Assessment

Use the data to create a bar graph.

The teacher took a survey about favorite ice cream flavors. Six kids like vanilla best, five like chocolate best and three like strawberry best.



Use the graph you created to answer the following questions.

What is the most popular ice cream flavor?	
What is the least popular ice cream flavor?	
How many more students like vanilla better than strawberry?	
What is the difference between the number of students who like chocolate and strawberry best?	

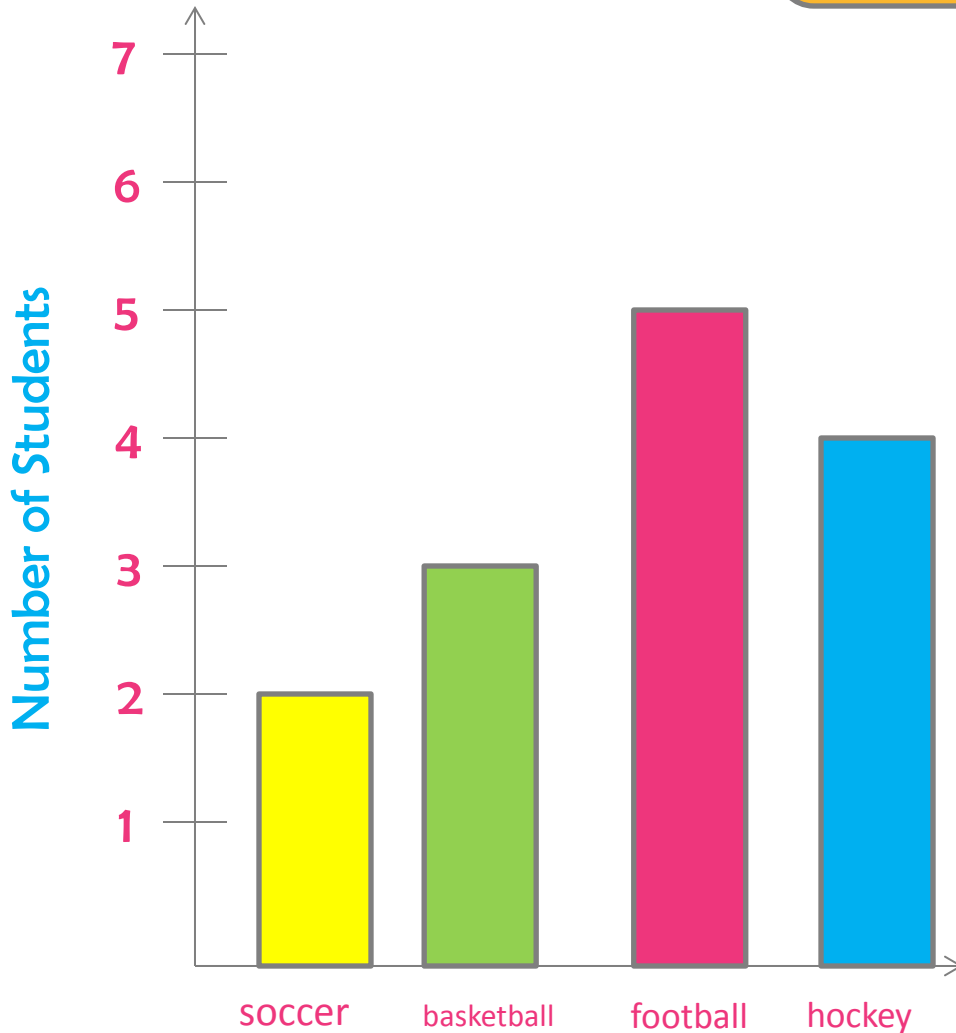
Making a Bar Graph

The purpose of a bar graph is to compare and contrast data.

The labels on the y-axis tell you how many.

All bar graphs have a title to tell the reader the topic.

Favorite Sport



This label tells what is being counted.

Sport

This label tells a group the choices belong to.

The labels on the x-axis tell you what each bar stands for.

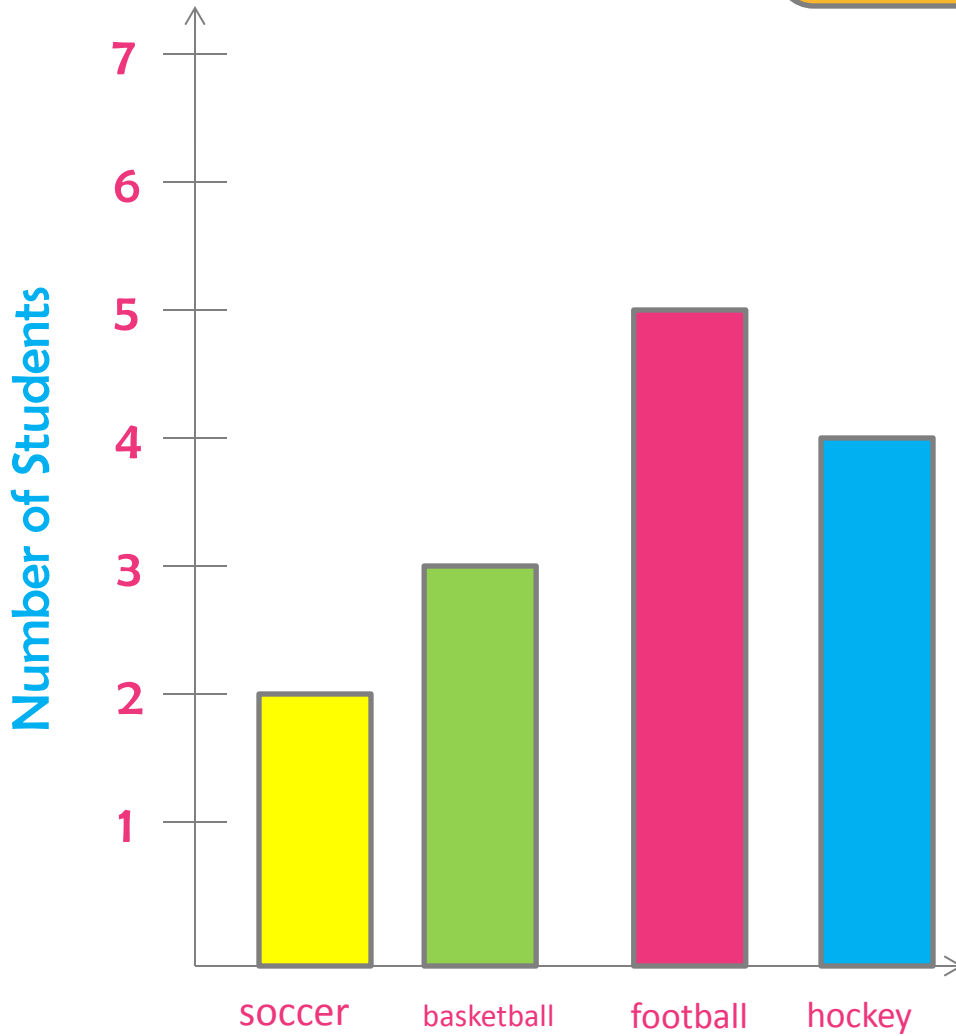
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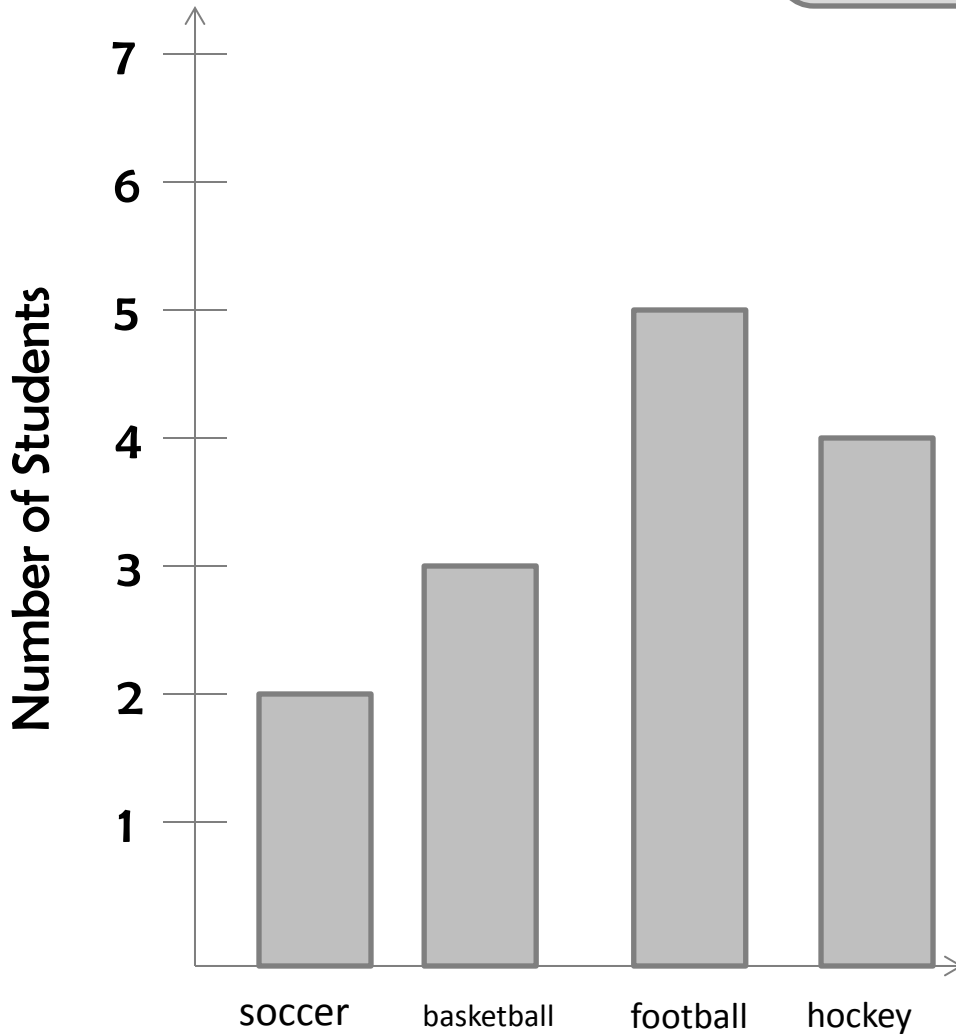
Making a Bar Graph

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Favorite Sport



This label tells what is being counted.

Sport

This label tells a group the choices belong to.

The labels on the x-axis tell you what each bar stands for.

Name: _____

Building Block Data Collection

My question is:

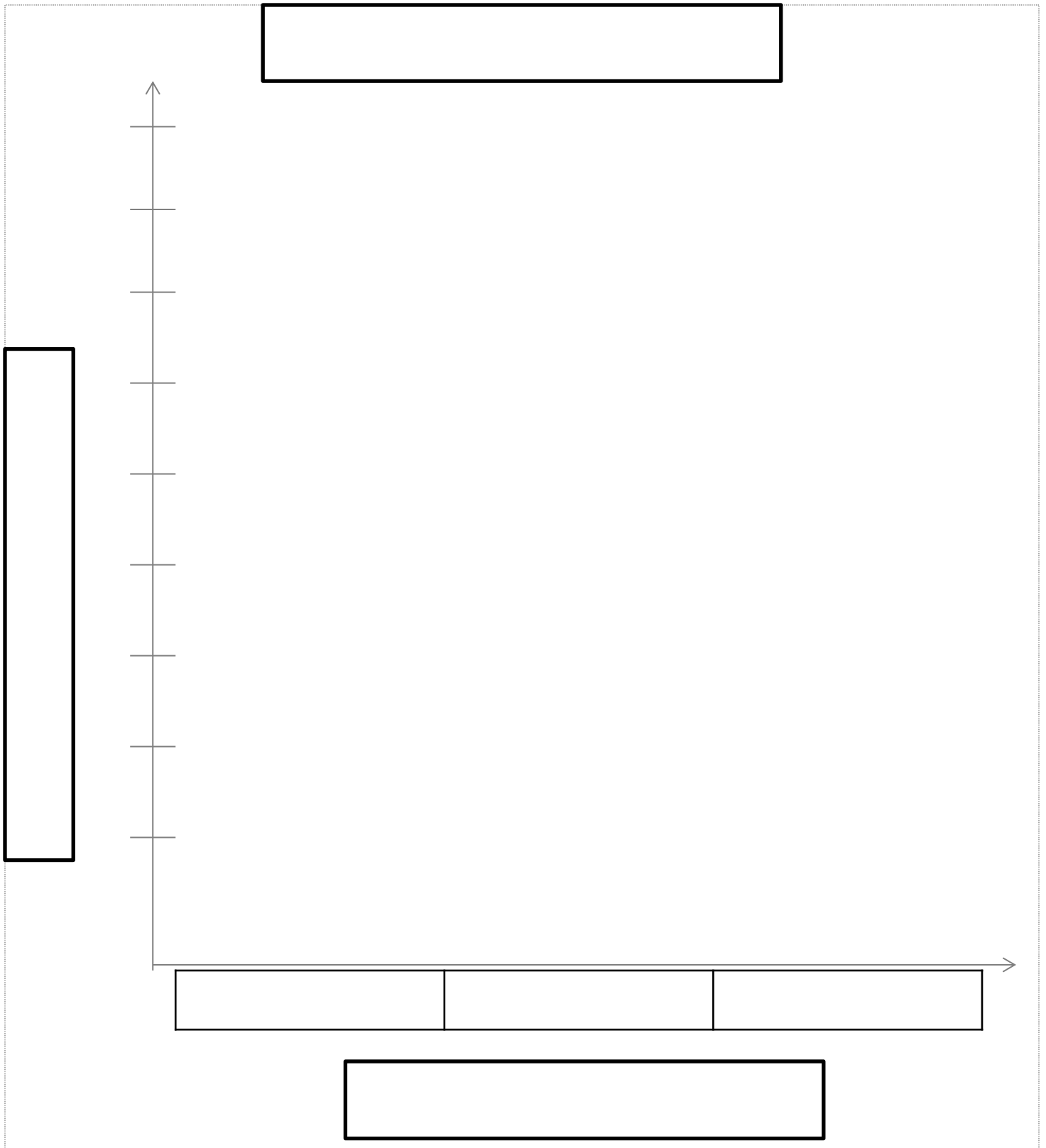
Use the data to create a bar graph.

colors	tally marks

Name: _____

Building Block Graph

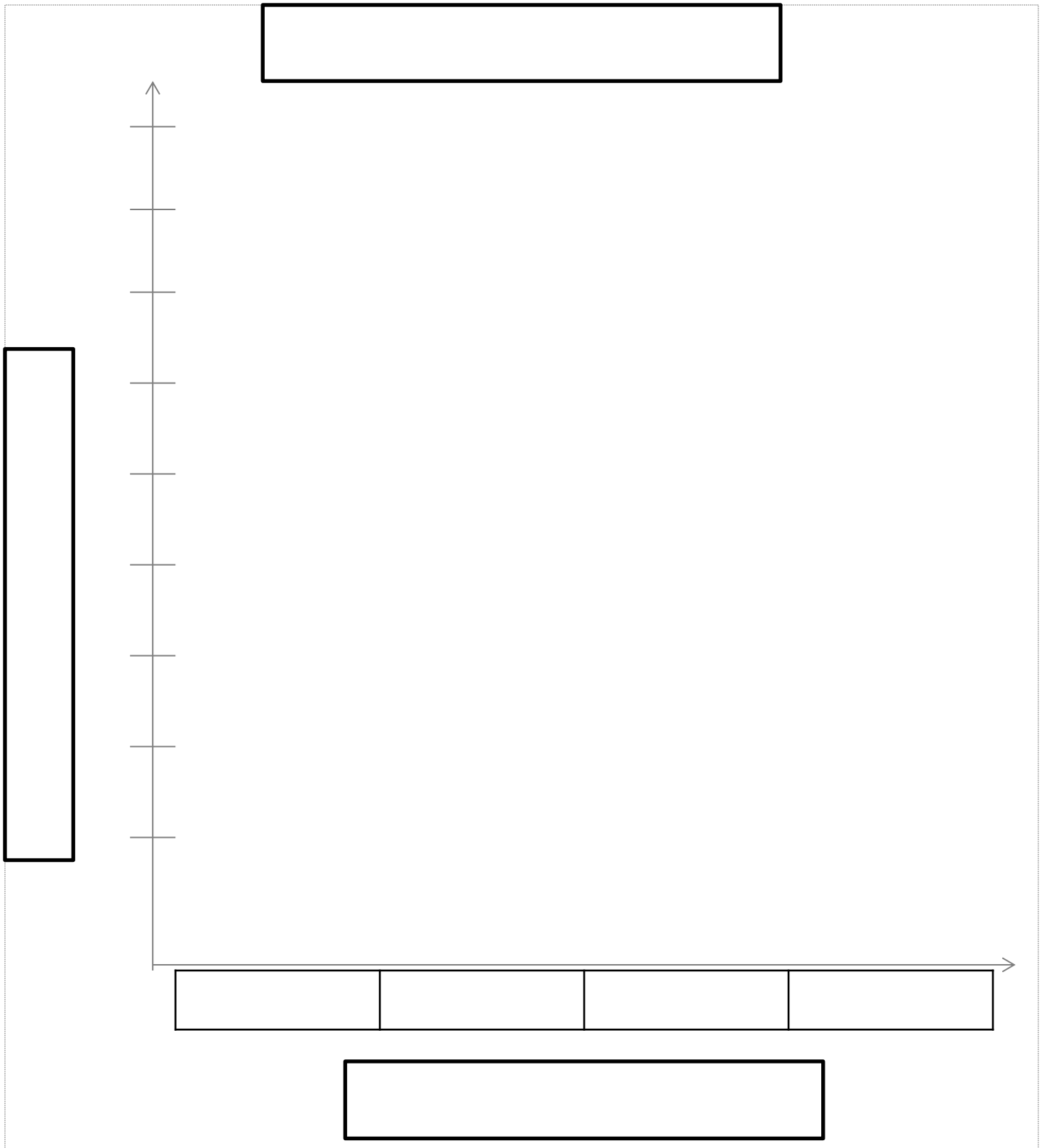
Use your data to create a bar graph.



Name: _____

Building Block Graph

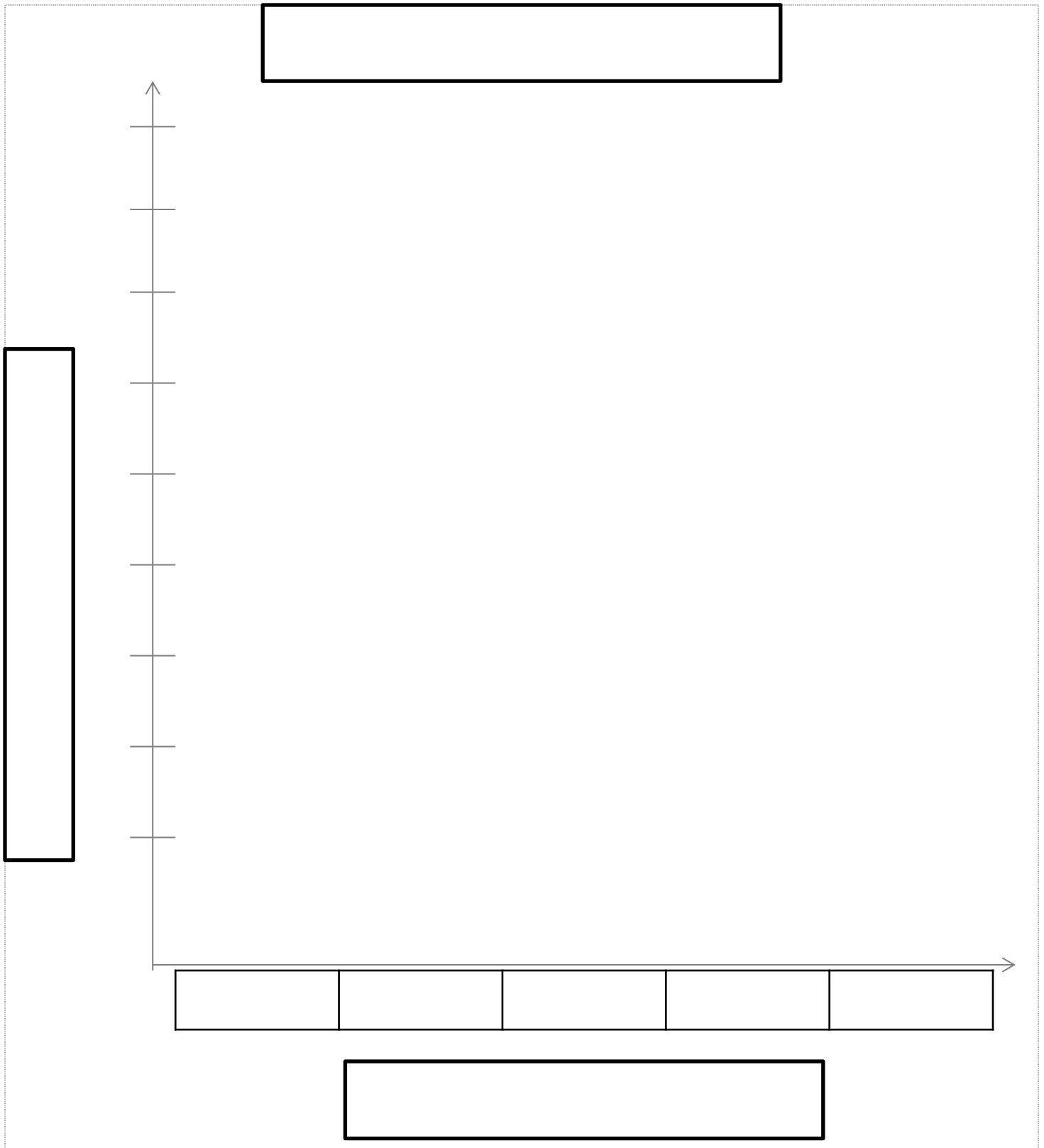
Use your data to create a bar graph.

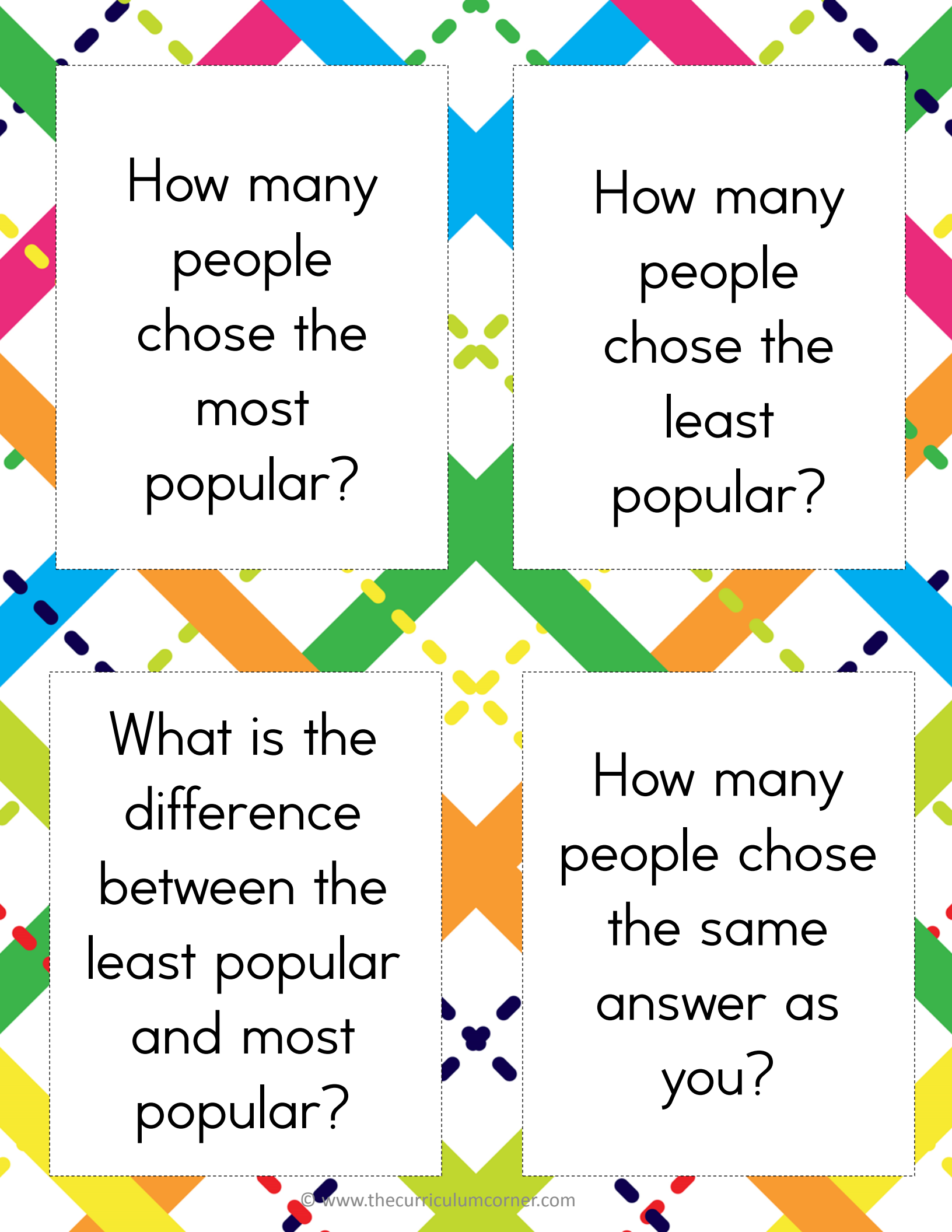


Name: _____

Building Block Graph

Use your data to create a bar graph.





How many
people
chose the
most
popular?

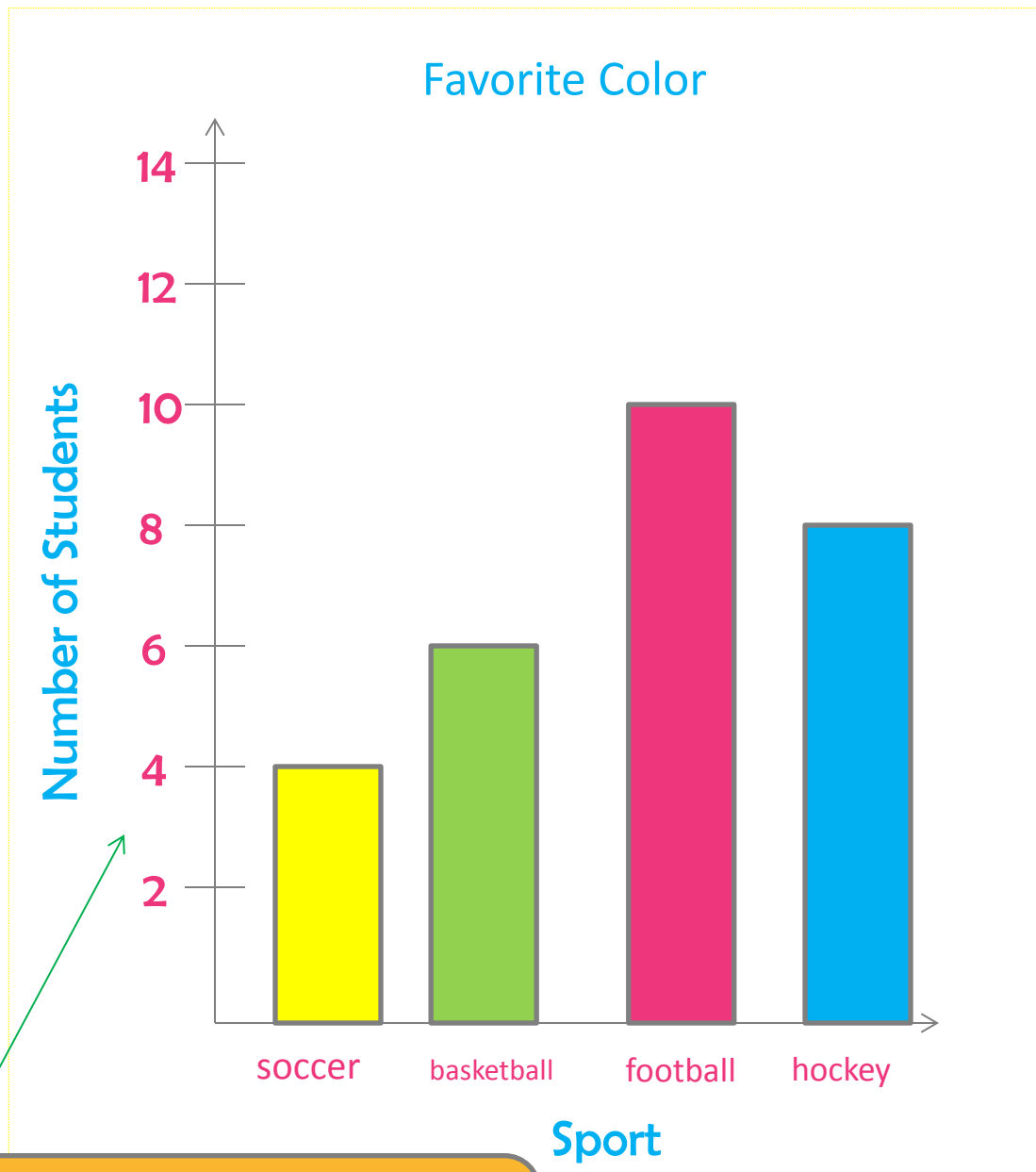
How many
people
chose the
least
popular?

What is the
difference
between the
least popular
and most
popular?

How many
people chose
the same
answer as
you?

Creating a Scaled Bar Graph

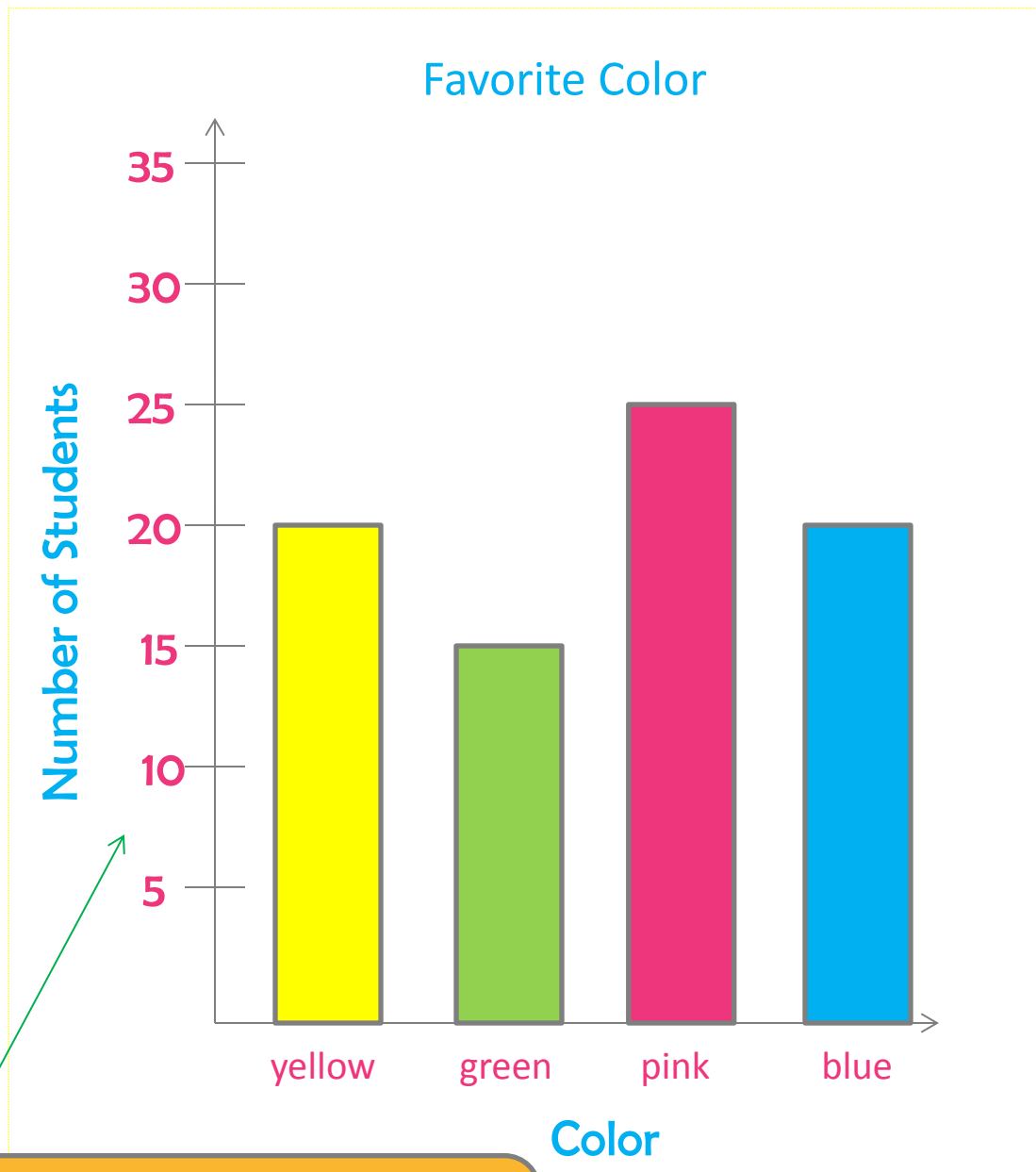
A scaled bar graph is when each bar graph on a bar represents more than one. For example, one square might represent two students.



On a scaled bar graph, the number on the y-axis counts by 2s, 5s or another number.

Creating a Scaled Bar Graph

A scaled bar graph is when each bar graph on a bar represents more than one. For example, one square might represent five students.



On a scaled bar graph, the number on the y-axis counts by 2s, 5s or another number.

Name: _____

Data Collection

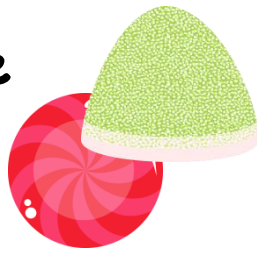
My question is:

Use the data to create a bar graph.

	tally marks



Favorite Candy



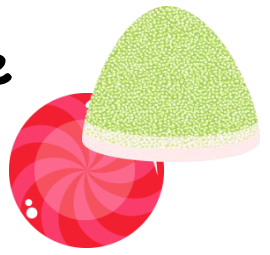
gum drops 5

lollipops 3

peppermints 9



Favorite Candy

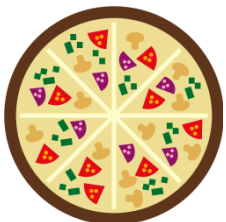


gum drops 5

lollipops 9

peppermints 2

chocolate 6



Favorite Pizza



cheese 7

pepperoni 2

sausage 5



Favorite Pizza

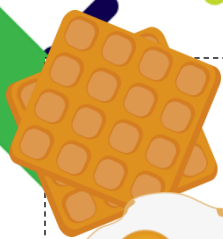


cheese 3

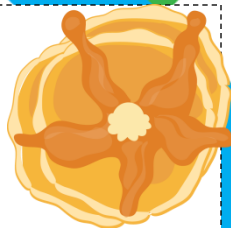
pepperoni 7

sausage 5

vegetable 9



Breakfast Foods



eggs

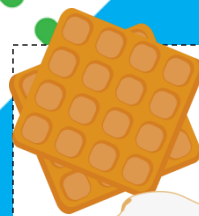
9

waffles

5

pancakes

3



Breakfast Foods



eggs

8

waffles

3

pancakes

6

oatmeal

4



Favorite Sports



basketball

7

football

6

hockey

3



Favorite Sports



basketball

3

football

8

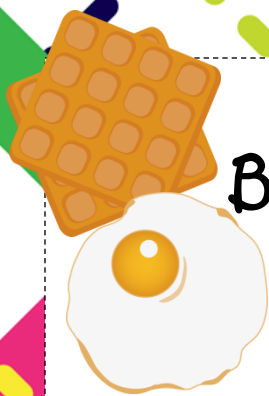
hockey

5

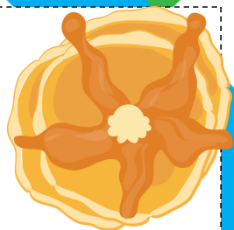
tennis

7





Breakfast Foods



eggs



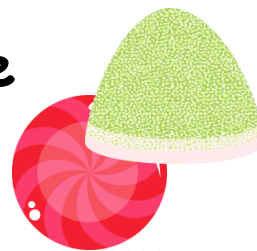
waffles



pancakes



Favorite Candy



gum drops



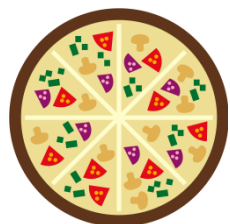
lollipops



peppermints



chocolate



Favorite Pizza



cheese



pepperoni



sausage



Favorite Sports



basketball



football



hockey



tennis





Favorite Candy



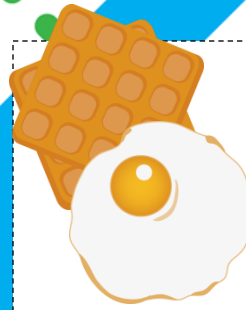
gum drops 5

lollipops 3

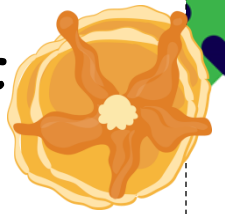
peppermints 2

chocolate 4

gum 3



Breakfast Foods



eggs 5

waffles 3

pancakes 2

oatmeal 4

cereal 2



Favorite Pizza



cheese 3

pepperoni 2

sausage 5

vegetable 4

bacon 5



Favorite Sports



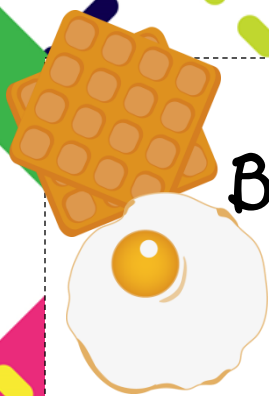
basketball 3

football 2

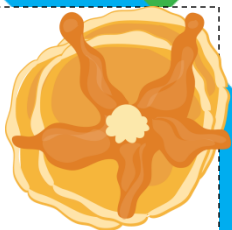
hockey 5

tennis 4

golf 4



Breakfast Foods



eggs



waffles



pancakes



Favorite Candy



gum drops



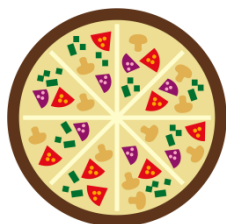
lollipops



peppermints



chocolate



Favorite Pizza



cheese



pepperoni



sausage



Favorite Sports



basketball



football



hockey



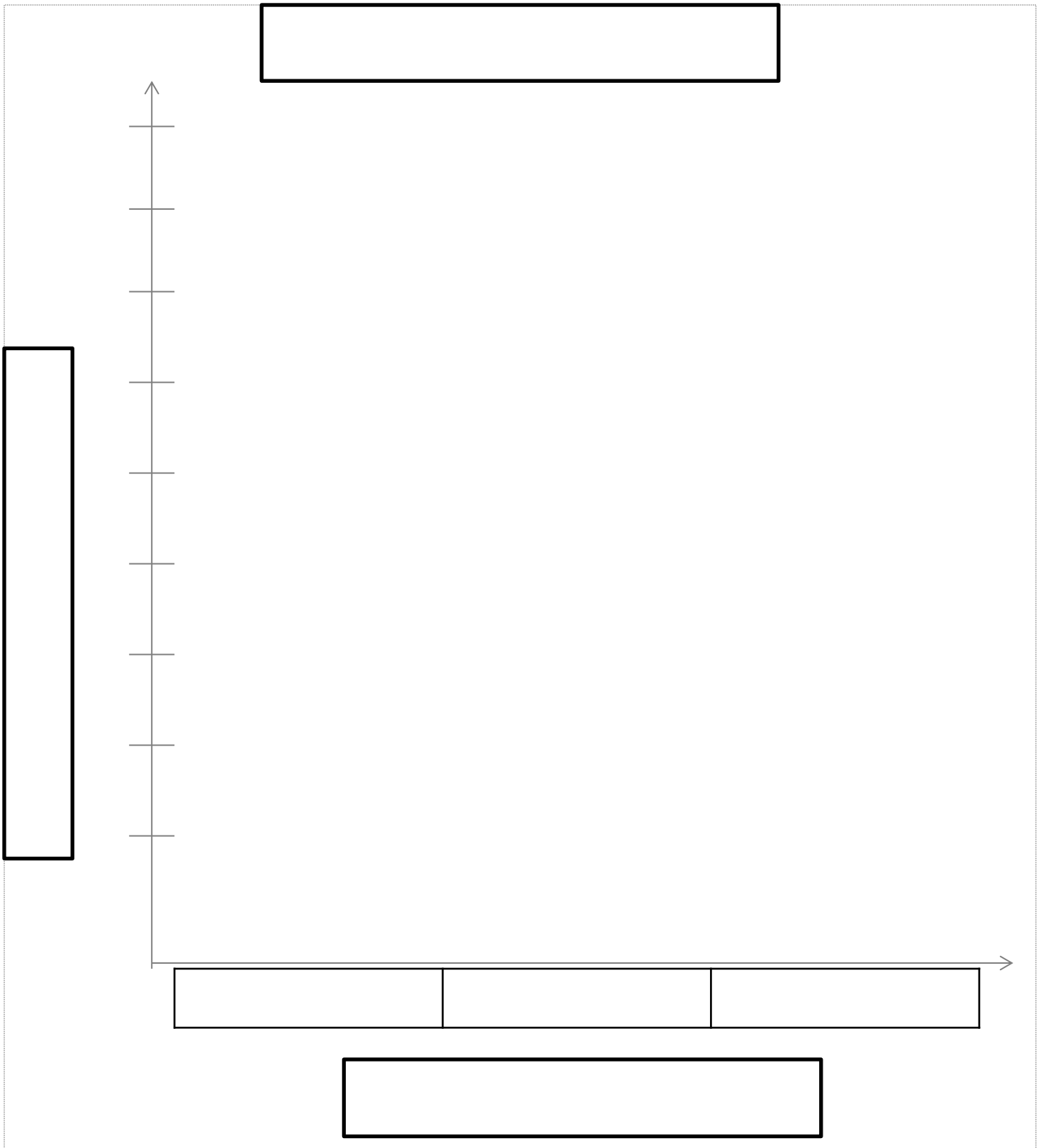
tennis



Name: _____

Creating a Graph

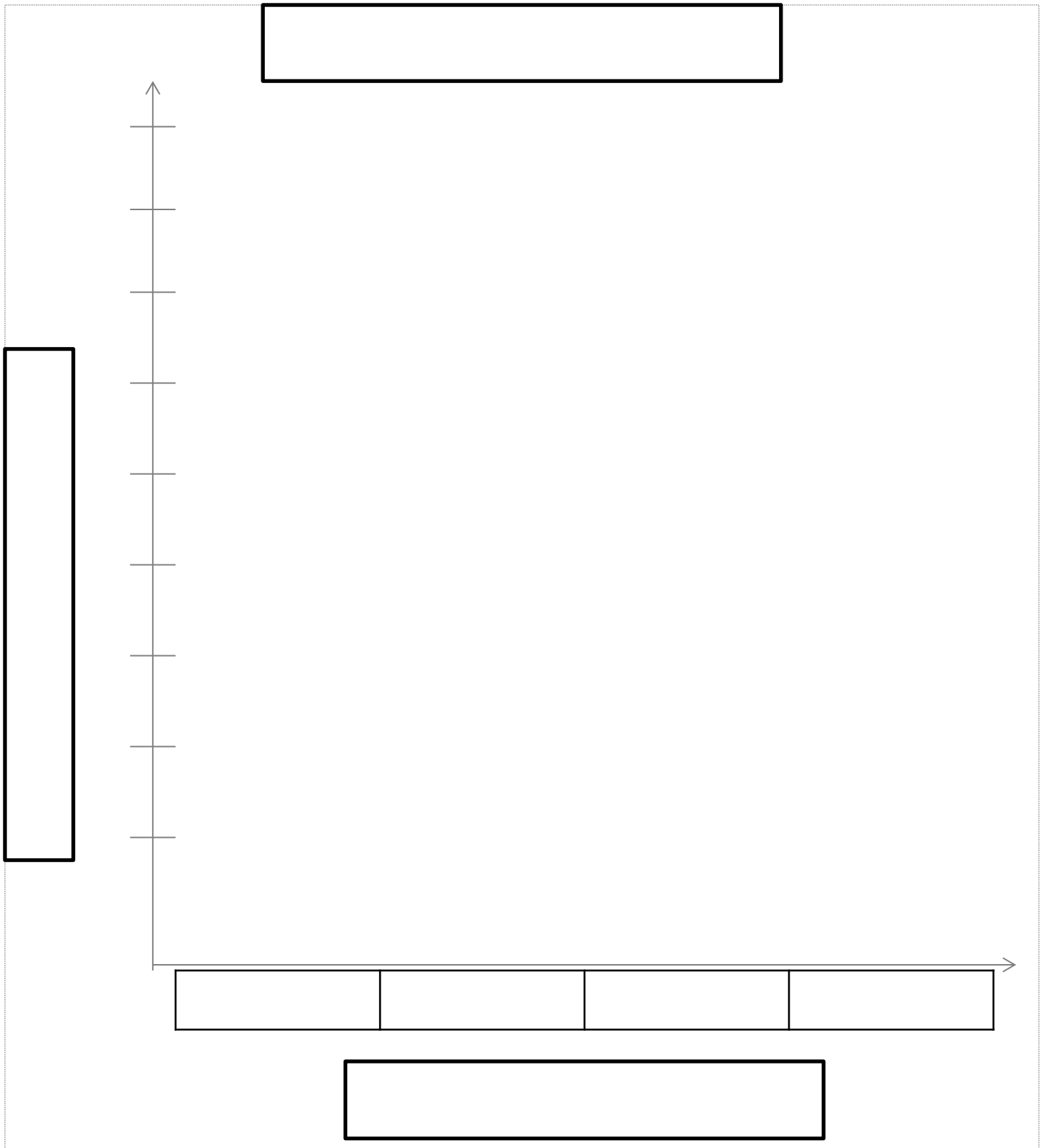
Use your data to create a bar graph.



Name: _____

Creating a Graph

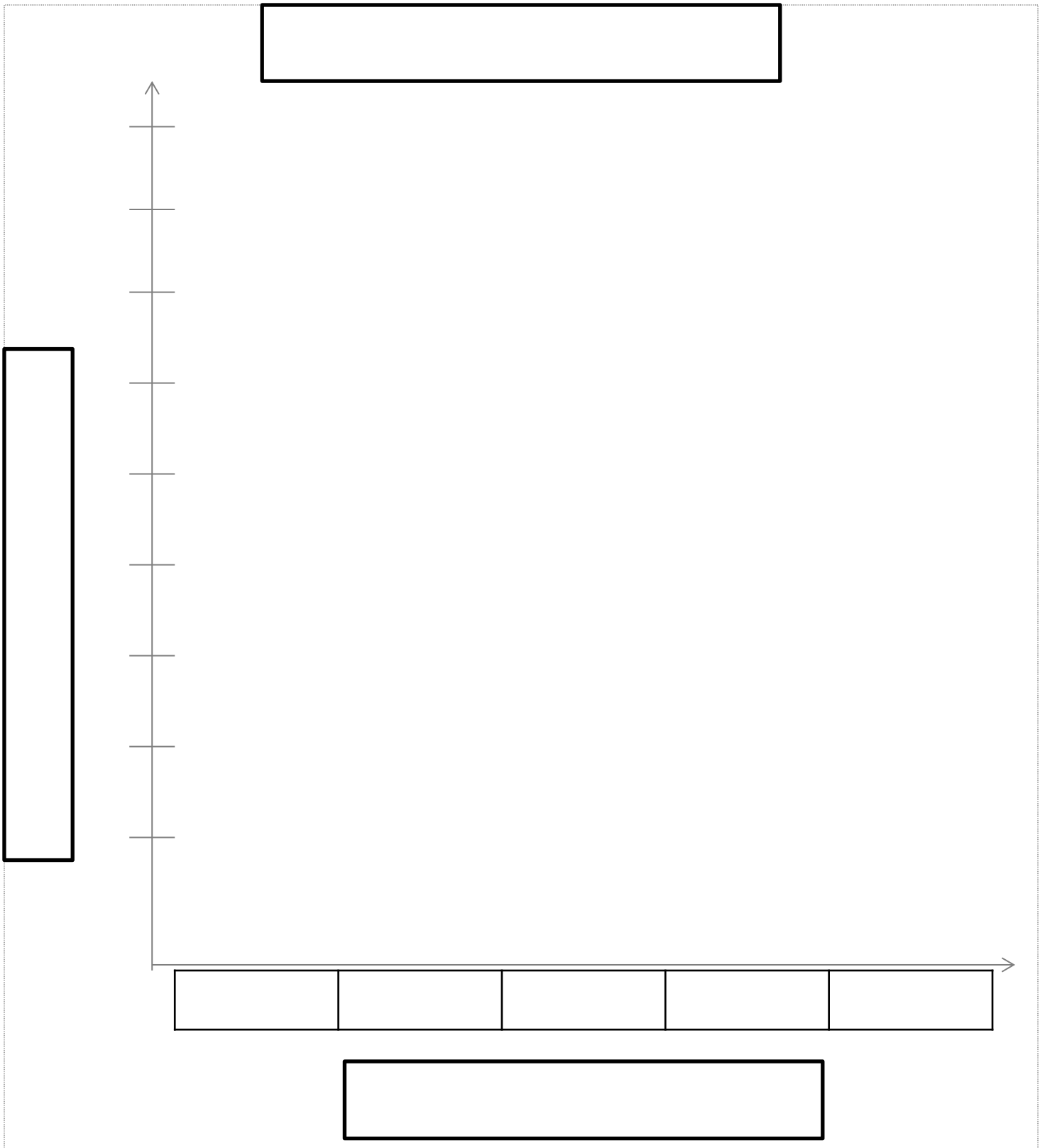
Use your data to create a bar graph.



Name: _____

Creating a Graph

Use your data to create a bar graph.



Name: _____

Writing Questions About Your Graph

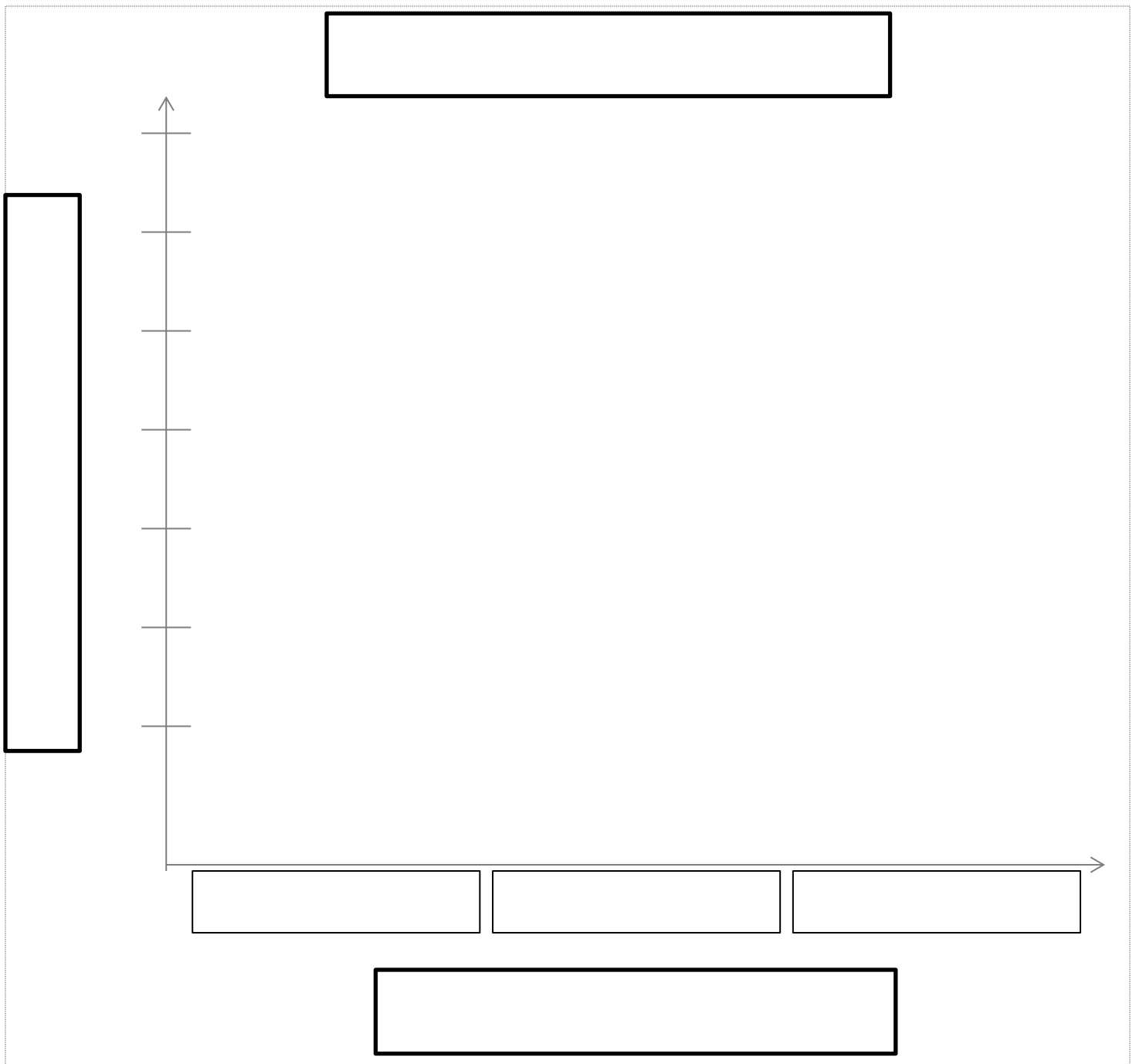
Write four questions that go with your graph. The questions should require someone to read the graph to be answered.

Name: _____

Assessment

Use the data to create a bar graph.

The teacher took a survey about favorite animals.
Seven kids like dogs best, three kids like birds best and
four like cats best.



Use the graph you created to answer the following questions.

What is the most popular animal?	
What is the least popular animal?	
How many more students like dogs better than cats?	
What is the difference between the number of students who like birds and dogs best?	