Bar Graphs

The Book Competition

A book competition is being held where you must read the most books in a month. During the month, Maria read 16 books, Berta read 12 books, Samuel read 9 books, Joanne read 17 books and Liam read 14 books.

In the bar graph below,
- Name the graph and the axes
- Draw bar graphs to show the number of books read by each child

Title: _____

y-axis: _____

	18					
	16					
	14					
	12					
	10					
	8					
	6					
	4					
	2					
	0	Maria	Joanne	Liam	Berta	Samuel

x-axis: _____

Questions	
1. How many books were read in total during the month?	
2. Another student Simon wants to win the competition. If he reads two times the number of books Samuel reads, will he win?	

CLOUD TUITION
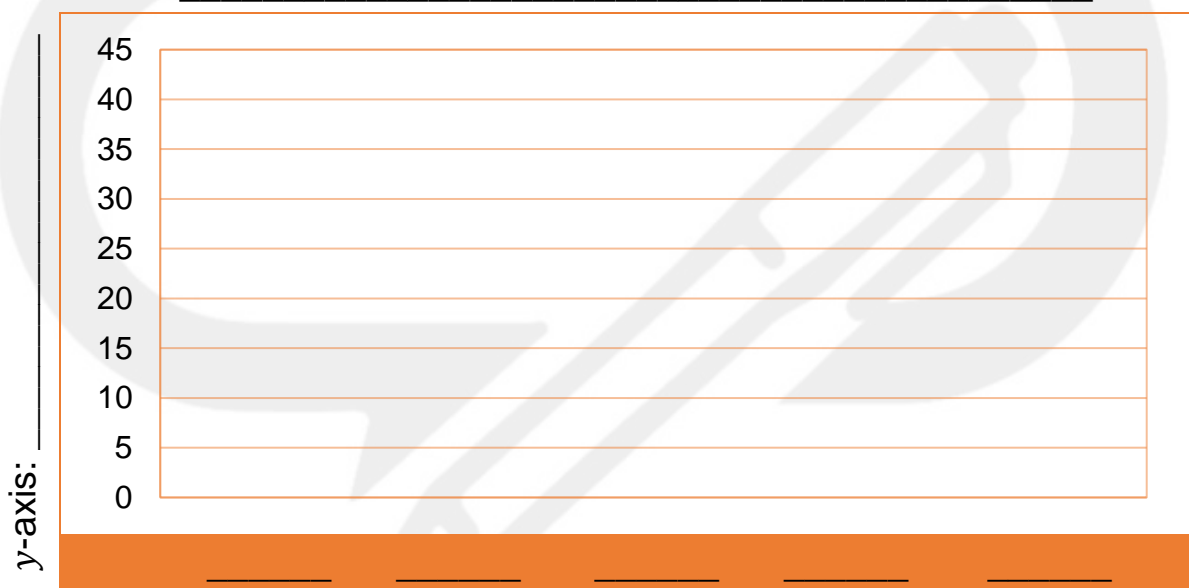COLLABORATIVE LEARNING

What Is Your Eye Colour?

110 Year 4 students were asked about their eye colour in a survey.

In the bar graph below,
- Name the graph and the axes
- Draw bar graphs to show the number of students with each type of eye colour. Order the bar graphs alphabetically from the left.

11	44	21	29	5
Blue	Brown	Hazel	Green	Grey

Title: _____

y-axis: _____

45
40
35
30
25
20
15
10
5
0

_____   _____   _____   _____   _____

x-axis: _____

Questions	
1. Compared to blue eyes, the number of students who have brown eyes is x times more. What is x?	
2. Compared to grey eyes, the number of students who have blue or brown eyes is x times more. What is x?	

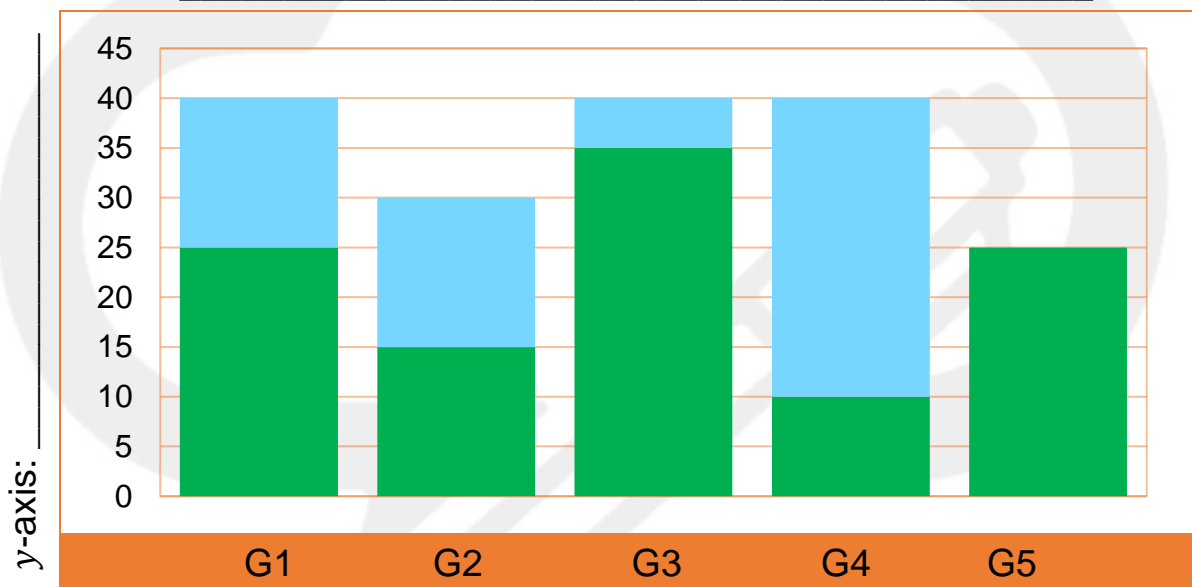|	
3. How many more students need grey eyes for the number of students with grey eyes to be one third of the number of those with hazel?	
4. What fraction of the students have either blue or green eyes?	
5. What fraction of the students do not have grey eyes?	

Bar Graphs

Welcome to Camp Beaver!

Eighty-one Year 4 students are on an excursion to Camp Beaver. At the camp, they are divided into five groups to compete in several activities and win points and prizes.

In the bar graph below,
- Name the graph and the axes
- *Note: Each activity won is worth 5 points. Blue represents water activities and green represents land activities.*

Title: _____

y-axis: _____

x-axis: _____

Questions	
1. How many activities were completed in total?	
2. What teams won more points from water activities compared to land activities?	

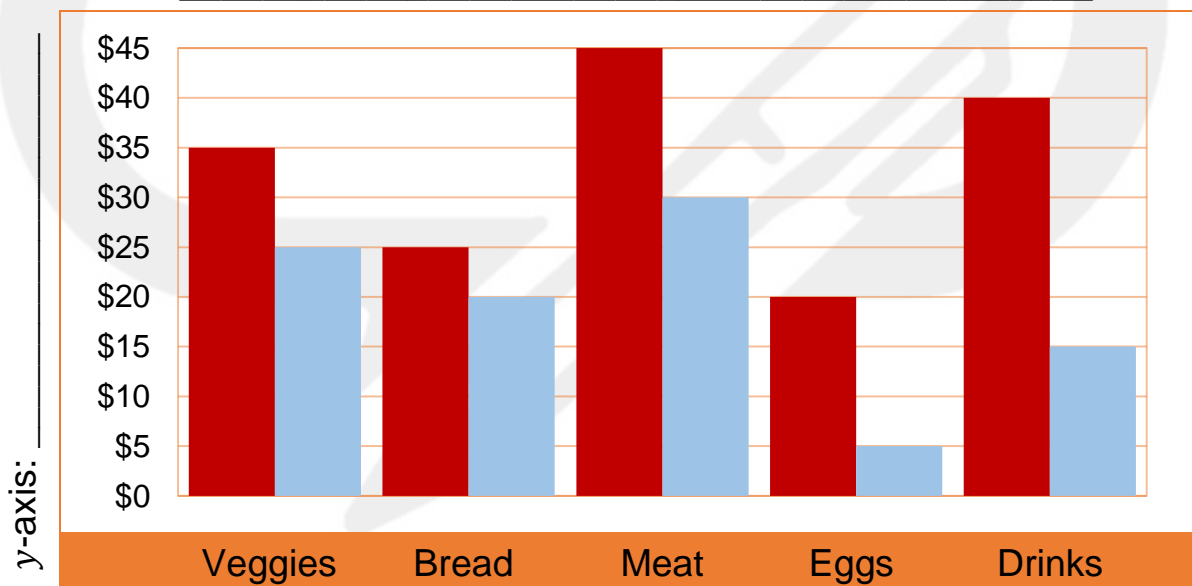| 3. What fraction of the points won by Group 1 were from land activities?	
4. What fraction of the points won by Groups 2 and 4 were from water activities?	

_____

Georgia's Weekly Spending

Georgia plans on saving money on grocery shopping next month.

In the bar graph below,
- Name the graph and the axes
- *Note: Red represents Month 1 before saving and blue represents Month 2 after saving.*

Title: _____

y-axis: _____

x-axis: _____

Questions	
1. What did Georgia save most on in Month 2?	
2. How much money did Georgia save altogether?	

3. How much did Georgia spend in Month 1 in total?	
4. Write a fraction for the amount of money Georgia spent on meat in Month 2 compared to Month 1.	
5. Write a percentage for the amount of money George spent on eggs in Month 2 compared to Month 1.	
6. Find the fraction of money saved on veggies compared to the total amount of savings.	