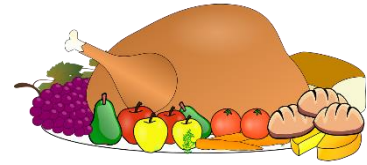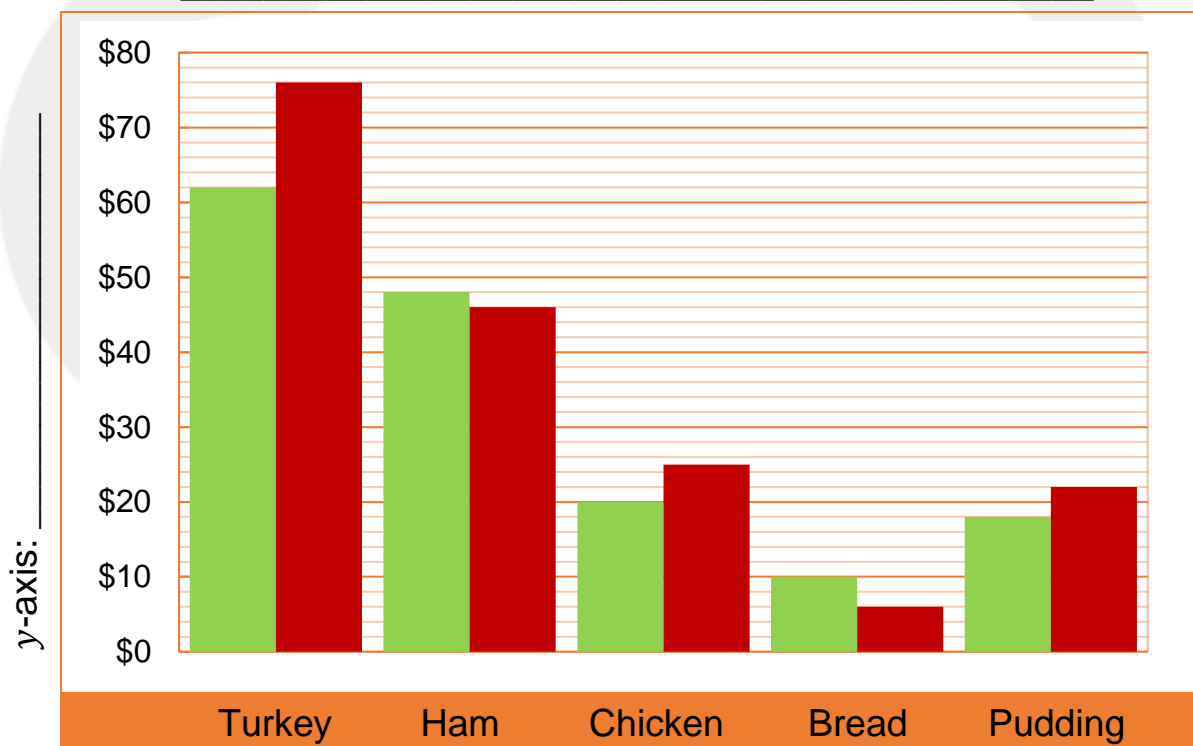# Double Bar Graphs

The Christmas Feast

Before a Christmas feast, families often scramble to secure the best ingredients for the cheapest prices. Ingredients are often in high demand and costs vary depending on the store. Families normally store hop to purchase all the ingredients that they need.

In the double bar graph below,
- Name the graph and the axes
- *Note: Green represents the Jones family and red represents the Banks family.*

Title: _____

y-axis: _____

Turkey   Ham   Chicken   Bread   Pudding

x-axis: _____

Questions

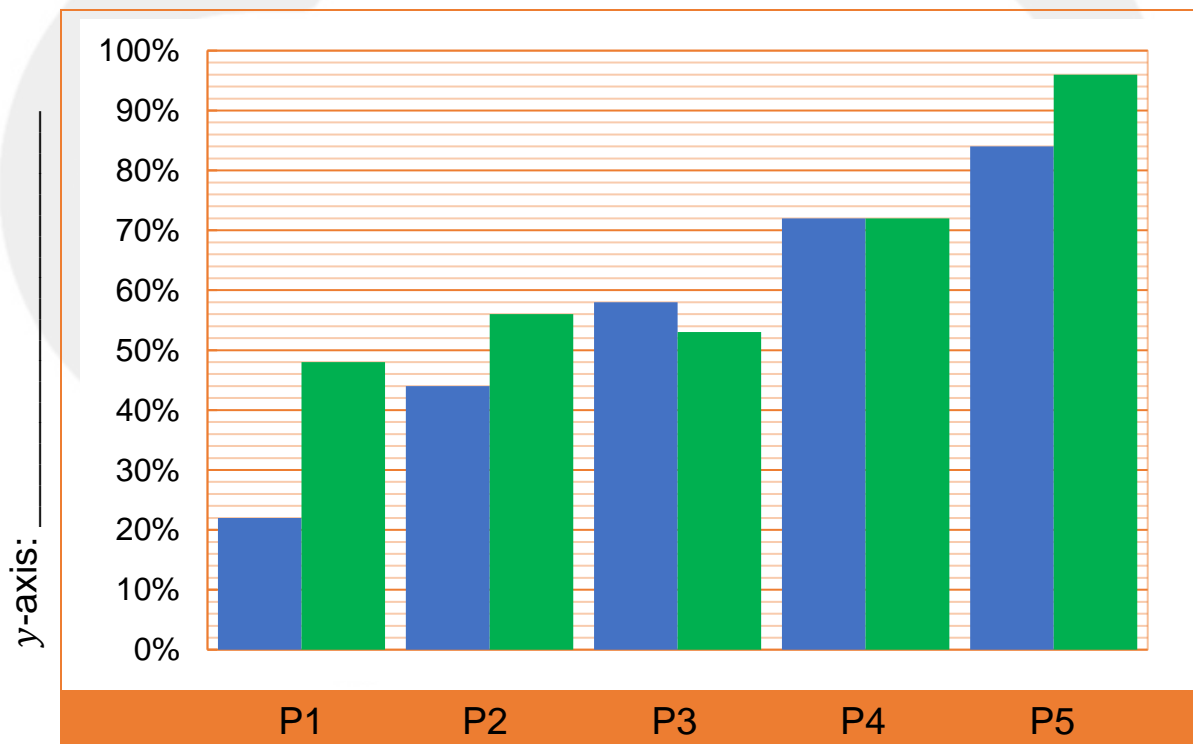|	
1. How much did the Jones family spend altogether?	
2. How much did the Banks family spend altogether?	
3. If each ingredient is bought at a different store and the Jones family spends 12 minutes per store, how long will it take for all ingredients to be purchased?	
4. If the Banks family starts shopping at 9:22am and spends 2 hours and 42 minutes securing ingredients, when will they finish shopping?	
5. Write a fraction to show how much the Jones family spent on pudding compared to the Banks family.	
6. Write a fraction to show much the Banks family spent on ham compared to the Jones family.	

Double Bar Graphs

Practice Makes Perfect!

Timothy is studying for an extremely important exam – an official test that will determine whether he gets into the Flight Academy so that he can become a pilot! To prepare for the test, Timothy completes five practice exams (P5 is the most recent practice test).

In the double bar graph below,
- Name the graph and the axes
- *Note: Blue represents Timothy's score in Science and green represents his score in Maths across multiple practice tests.*

Title: _____

y-axis: _____

x-axis: _____

Questions

1. From practice test 1 to 5, how much did Timothy's science score increase by?	
2. From practice test 1 to 5, how much did Timothy's maths score increase by?	

3. Calculate the average of all practice science scores.

4. Calculate the average of all practice maths scores.

5. Comparing the average scores, what subject is Timothy better in?
_____

6. The overall score for a test can be found by adding the science and maths scores. What is Timothy's highest overall score?

7. To get into the Flight Academy, Timothy has to achieve an overall score of 92%. What is the likelihood that Timothy will get into the academy?

_____

_____

_____