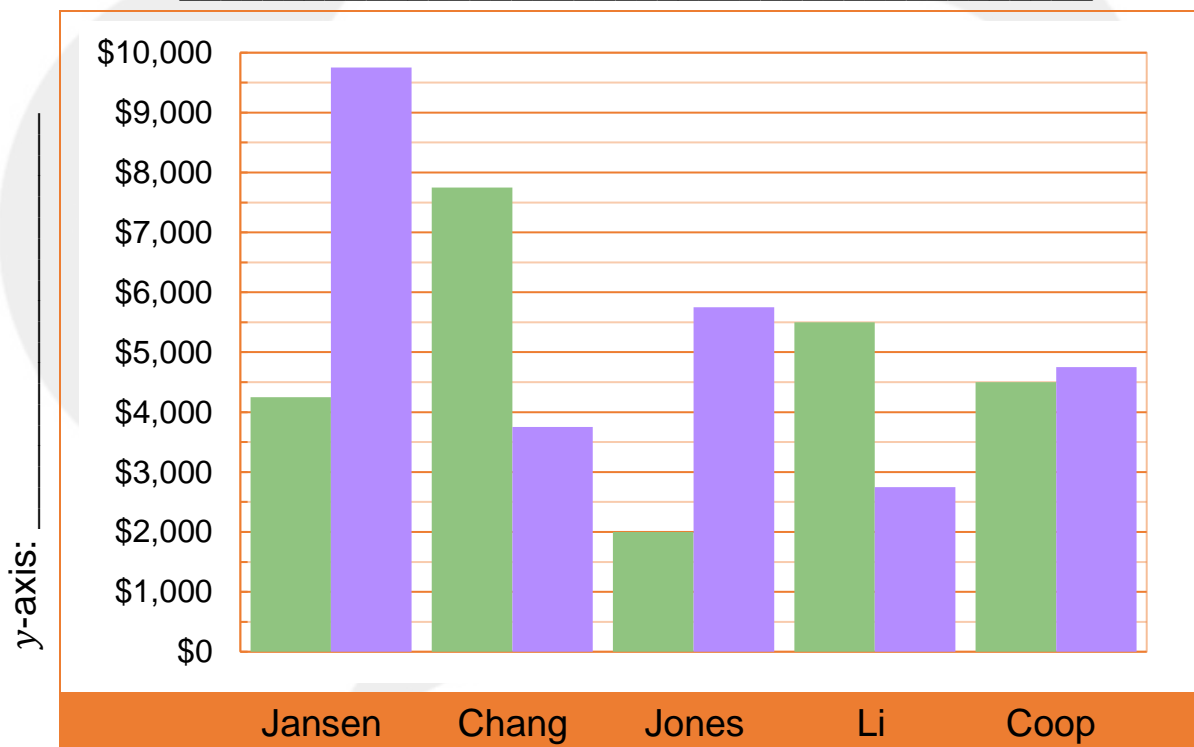# Double Bar Graphs

Trader's Hut & QuickStop

Trader's Hut and QuickStop are competing grocery stores opposite the road from each other. Last year, the Jansen, Chang, Jones, Li and Coop families shopped at both stores.

In the double bar graph below,
- Name the graph and the axes
- *Note: Green represents Trader's Hut and purple represents QuickStop.*

Title: _____

y-axis: _____

| | Jansen | Chang | Jones | Li | Coop |

x-axis: _____

Questions

1. How much did the Chang family spend at QuickStop?	
2. How much did the Jansen and Li families spend at Trader's Hut together?	
3. How much money did the families spent at Trader's Hut last year altogether?	
4. How much money did the families spend at QuickStop last year altogether?	

5. What family spent twice as much at one store than the other?

_____

6. If the Coop family spent 3/4 of what they did last year on groceries this year, how much did they spend?

7. Find how much the Chang family will spend this year on groceries if they spend 20% more.

8. This year, the Jansen family spent $120 more at Trader's Hut and $686 less at QuickStop. How much did they spend in total?

Double Bar Graphs

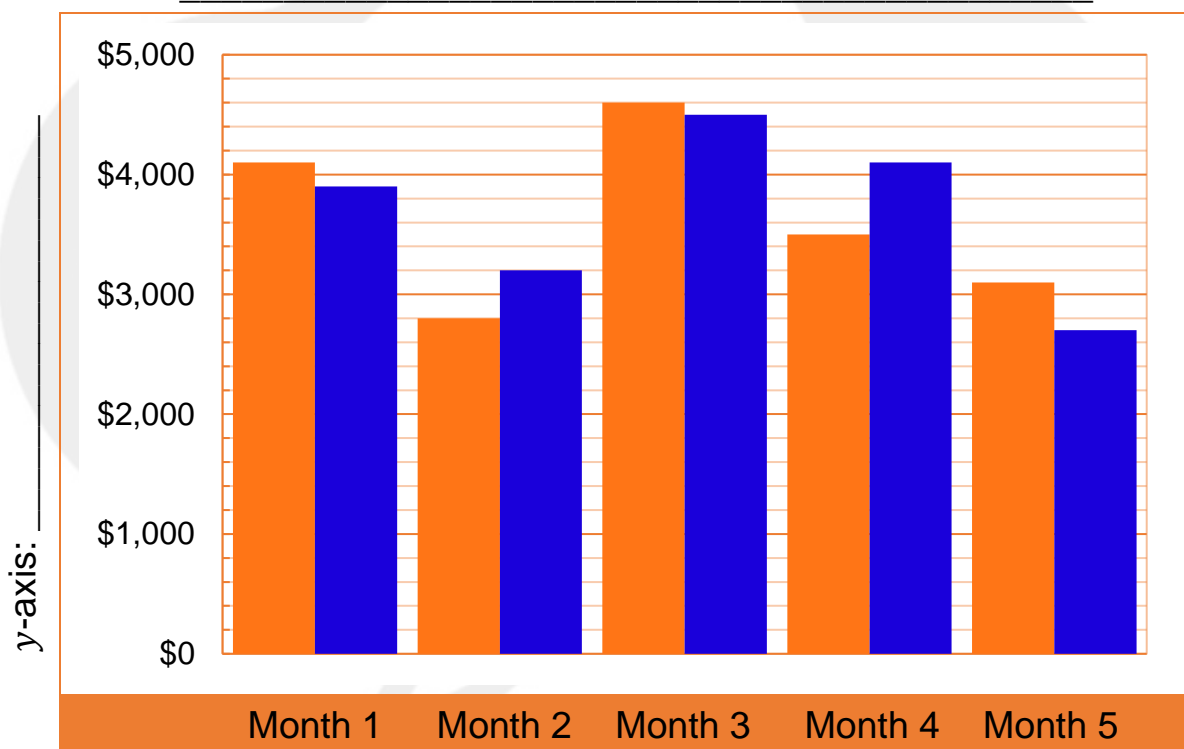## Car Savings

Justin and Louise are both saving to buy a brand-new car at the end of the year. During each month, their salaries change depending on the number of working shifts they are able to get.

In the double bar graph below,
- Name the graph and the axes
- *Note: Orange represents Justin and blue represents Louise.*

Title: _____

y-axis: _____

x-axis: _____

Questions

1. Find Justin's total income during the five months.	
2. Find Louise's total income during the five months.	
3. How much more did Justin make in Month 4 compared to Month 2?	
4. Write a fraction to represent Louise's salary in Month 5 compared to Month 1.	

5. Find the average monthly salary for Justin and Louise.

6. Due to living expenses, Justin and Louise are only able to save a portion of their income.

(a) If Justin wants to buy a car that costs $23,950 and saves 62.5% of his total income from the 5 months, how much left does he have to save?

(b) If Louise wants to buy a car that costs $21,995 and saves 58.9% of his total income from the 5 months, how much left does he have to save?