Task Title: Estimate Stock Order

OALCF Cover Sheet – Practitioner Copy

Learner Name: _____

Date Started: _____

Date Completed: _____

Successful Completion: Yes ☐ No ☐

Goal Path: Employment ■ Apprenticeship ☐

Secondary School ☐ Post Secondary ☐ Independence ☐

Task Description: Learner will use tables and graphs to estimate how much stock to order.

Main Competency/Task Group/Level Indicator:

- Understand and Use Numbers/Manage data/C4.2

Materials Required:

- Pen/pencil and paper and/or digital device
- Calculator or digital device with calculator function

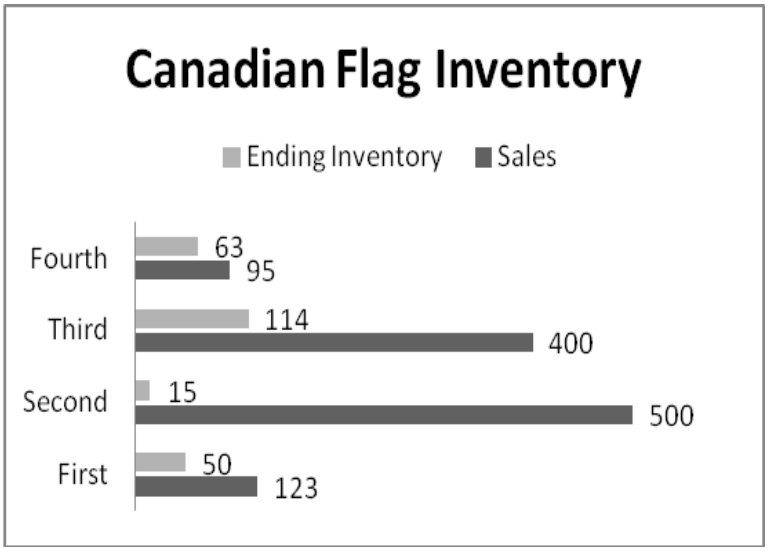
Learner Information

Retail workers and sales managers may need to estimate how much stock to order based on last year's sales.

Scan "**CJ Moore Company's Sales**", "**Martin's Swimwear First Quarter Sales",** and "**Canadian Flag Inventory**".

CJ Moore Company's Sales				
Year	**Beginning Inventory**	**Purchased inventory**	**Ending Inventory**	**Amount Sold**
2024	2,000 pcs	7,500 pcs	2,200 pcs	7,300 pcs
2023	2,300 pcs	10,500 pcs	2,000 pcs	10,800 pcs
2022	2,500 pcs	13,000 pcs	2,300 pcs	13,200 pcs

Martin's Swimwear First Quarter Sales	
2024	$18,900.00
2023	$16,000.00
2022	$15,750.00
2021	$13,647.00



Work Sheet

Task 1: Look at "CJ Moore Company's Sales" for 2022, 2023 and 2024. Calculate the percentage drop in amount sold between 2022/2023 and 2023/2024.

Answer:

Task 2: Calculate the average drop in purchased inventory over the past three years.

Answer:

Task 3: Estimate the inventory to purchase for 2024 based on the average drop in purchased inventory over the past three years.

Answer:

Task 4: Look at "Martin's Swimwear First Quarter Sales" chart. Estimate the first quarter sales for 2025 using the first quarter sales from the previous two years.

Answer:

Task 5: Look at Dollar Village's "Canadian Flag Inventory" for last year. Estimate how many Canadian flags Dollar Village should order based on last year's total sales of Canadian flags.

Answer:

Answers

Task 1: Look at CJ Moore Company's Sales for 2022, 2023 and 2024. Calculate the percentage drop in amount sold between 2022/2023 and 2023/2024.

Answer:

2022/2023 = 13,200 – 10,800 = 2,400; 2,400 x 100 ÷ 13,200 = 18.2%
2023/2024 = 10,800 – 7,300 = 3,500; 3,500 x 100 ÷ 10,800 = 32.4%

Task 2: Calculate the average drop in purchased inventory over the past three years.

Answer:

2022: 13,000 – 10,500 = 2,500
2023: 10,500 – 7,500 = 3,000
2,500 + 3,000 = 5,500
5,500 / 2 = 2,750
The average drop is 2,750 per year.

Task 3: Estimate the inventory to purchase for 2024 based on the average drop in purchased inventory over the past three years.

Answer: 7,500 – 2,750 = 4,750

Task 4: Look at "Martin's Swimwear First Quarter Sales" chart. Estimate the first quarter sales for 2025 using the first quarter sales from the previous two years.

Answer: The estimated amount of sales will be $21,800

18,900 – 16,000 = 2,900 18,900 + 2,900 = 21,800

Task 5: Look at Dollar Village's "Canadian Flag Inventory" for last year. Estimate how many Canadian flags Dollar Village should order based on last year's total sales of Canadian flags.

Answer:

Add the total sales: 95 + 400 + 500 + 123 = 1,118
The estimated number of flags to order is approximately 1,118.

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
C4.2	calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers			
	makes estimates			
	finds ranges for data sets			
	calculates averages (mean) and percentages			
	chooses and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to solutions			
	uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			

This task: Was successfully completed ☐ Needs to be tried again ☐

Learner Comments:

Instructor (print): _____

Learner (print): _____