Task Title: Trim A Window

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: The learner will calculate the materials and costs required to trim a window.

Main Competency/Task Group/Level Indicator:

- Communicate Ideas and Information/Complete and create documents/B3.2a
- Understand and Use Numbers/Manage money/C1.2
- Understand and Use Numbers/Use measures/C3.1

Materials Required:

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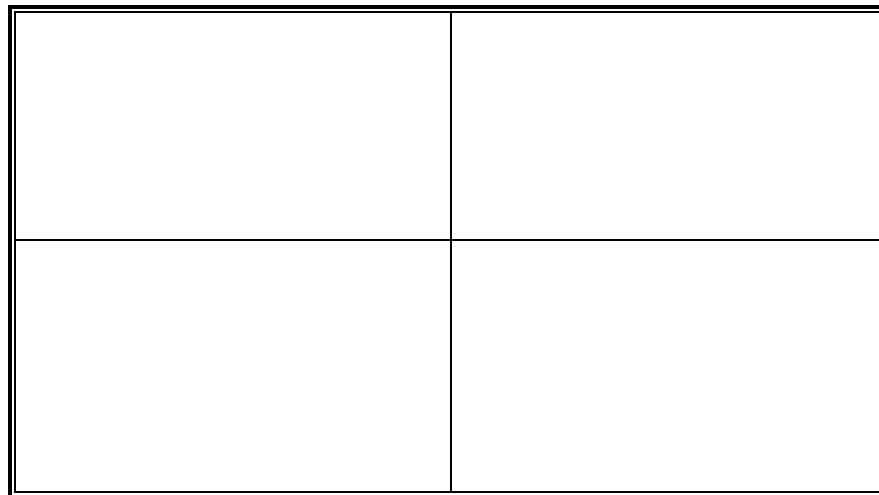- Calculator or digital device with calculator function

Learner Information

Carpenters often install doors and windows. This involves calculating how much material will be needed as well as the estimated costs for each job.

Scan the "Window Diagram" and the "Job Estimate for PMD Door and Window Services".

Window Diagram

39 inches

25 inches

Job Estimate

PMD Door and Window Services

Customer's name: _____

Date: _____

Material	Amount	Unit Cost	Total
Labour (Installation Fee)			
		Subtotal	
		HST (13%)	
		Total	

Work Sheet

Task 1: Calculate the perimeter of the window.

Answer:

_____

Task 2: How much trim is required for the window? Each side needs an extra four inches for the trim.

Answer:

_____

Task 3: The customer has chosen trim that costs $5.95 per foot. Determine the total cost to trim this window. Add 13% for HST.

Answer:

_____

Task 4: An installation fee of $4.00 per foot of trim is added to the job estimate. Complete the job estimate form. The customer's name is Paul Desroche.

Answer: No written response required here.

Task completed: Yes: ☐   No: ☐

Answers

Task 1: Calculate the perimeter of the window.

Answer: 39+39+25+25 = 128 inches

Task 2: How much trim is required for the window? Each side needs an extra four inches for the trim.

Answer: 128+(4x4) = 144 inches

Task 3: The customer has chosen trim that costs $5.95 per foot. Determine the total cost to trim this window. Add 13% for HST.

Answer:

144 inches = 12 feet
12 x 5.95 = $71.40
71.40 x 13% = $9.28
71.40 + 9.48 = $80.68

Task 4: An installation fee of $4.00 per foot of trim is added to the job estimate. Complete the job estimate form. The customer's name is Paul Desroche.

Answer: See next page

Job Estimate

PMD Door and Window Services

Customer's name: Paul Desroche

Date: [Today's Date]

Material	Amount	Unit Cost	Total
Trim	12 feet	$5.95/foot	$71.40
Labour (Installation Fee)	12 feet	$4.00/foot	$48.00
		Subtotal	$119.40
		HST (13%)	$15.52
		Total	**$134.92**

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
B3.2a	uses layout to determine where to make entries			
	begins to make some inferences to decide what information is needed, where and how to enter the information			
	follows instructions on documents			
C1.2	calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers			
	calculates percentages			
	interprets and applies rates (e.g. $/kg, $/1)			
	chooses and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to reach solutions			

	represents costs and rates using monetary symbols, decimals and percentages			
	interprets, represents and converts amounts using whole numbers, decimals, percentages, ratios and simple, common fractions (e.g. ½, ¼)			
	uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			
C3.2	calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers			
	makes estimates			
	converts units of measurement within the same system and between systems			
	understands and uses formulas for finding the perimeter, area and volume of simple, common shapes			

	chooses and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to solutions			
	interprets, represents and converts measures using whole numbers, decimals, percentages, ratios and simple, common fractions (e.g. ½, ¼)			
	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):

_____   _____