

Task Title: Calculating Price Changes in a Salon

# OALCF Cover Sheet – Practitioner Copy

**Learner Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date Started: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date Completed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Goal Path:** | Employment | Apprenticeship |
| --- | --- | --- |
| Secondary School | Post Secondary | Independence |

**Successful Completion:**  Yes No

**Task Description:** The learner will calculate sale, discount, and markup costs of products in a hair salon.

 **Main Competency/Task Group/Level Indicator:**

* Understand and Use Numbers/Manage money/C1.2

**Materials Required:**

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

# Learner Information

In a hair salon, products and services may be on sale or offered at a discount. New prices may also be calculated if a salon makes wholesale purchases and then increases the cost for retail sales. It is important to make these calculations properly so that clients will pay the correct amount.

# Work Sheet

**Task 1: A salon purchases shampoo at a wholesale cost of $37.35. They mark up the cost by 15% before selling it to customers. Calculate the retail price of this product.**

# Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 2: Seniors receive a 25% discount for haircuts on Tuesdays. The regular price for a haircut is $40.00. Calculate how much money a senior would save if they got their haircut on Tuesday instead of another day of the week.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 3: A hair straightener costs $49.00 (plus HST). Calculate the cost during a promotional event in which this product is 15% off. The promotional savings is calculated after HST has been added to the price.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 4: A family books haircuts for two adults, a 14-year-old, a 10-year-old, and an 8-year-old. The cost for a haircut is $40.00. Kids under 12 are $20.00.**

**4a) Calculate the total cost including HST.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4b) Calculate the total cost with a 15% tip.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 5: A customer purchases a haircut for $40.00 and highlights for $80.00. She also buys a new hair brush for $13.00. There is a promotion at the salon and hair brushes do not have sales tax added this week. Calculate the total cost of her visit.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Answers

**Task 1: A salon purchases shampoo at a wholesale cost of $37.35. They mark up the cost by 15% before selling it to customers. Calculate the retail price of this product.**

# Answer: $37.35 x 0.15 = $5.60. $37.35 + $5.60 = $42.95

**Task 2: Seniors receive a 25% discount for haircuts on Tuesdays. The regular price for a haircut is $40.00. Calculate how much money a senior would save if they got their haircut on Tuesday instead of another day of the week.**

Answer: $40.00 x 0.25 = $10.00

**Task 3: A hair straightener is $49.00 (plus HST). Calculate the total cost during a promotional event in which this product is 15% off. The promotional savings is calculated after HST has been added to the price.**

Answer: $49.00 x 0.13 = $6.37. $49.00 + $6.37 = $55.37 total price

$55.37 x .15 = $8.31. $55.37 - $8.31 = $47.06 with promotional savings

**Task 4: A family books haircuts for two adults, a 14-year-old, a 10-year-old and an 8-year-old. The cost for adult haircuts is $40.00. Kids under 12 are $20.00.**

**4a) Calculate the cost including HST.**

Answer:

Answer: ($40.00 x 3) + ($20.00 x 2) = $160.00

$160.00 x 0.13 = $20.80

Total cost with tax: $160 + $20.80 = $180.00

**4b) Calculate the total cost with a 15% tip.**

Answer:

$180.00 x 0.15 = $27.12

Total cost with tax and tip: $180.00 + $27.12 = $207.12

**Task 5: A customer purchases a haircut for $40.00 and highlights for $80.00. She also buys a new hair brush for $13.00. There is a promotion at the salon and hair brushes do not have sales tax added this week. Calculate the total cost of her visit.**

Answer: $40.00 + $80.00 = $120.00

$120.00 x 0.13 = $15.60

$120.00 + $15.60 + $13.00 = $148.60

# Performance Descriptors

| Levels | Performance Descriptors | Needs Work | Completes task with support from practitioner | Completes task independently |
| --- | --- | --- | --- | --- |
| C1.2 | calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers |  |  |  |
|  | calculates percentages |  |  |  |
|  | 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 |  |  |  |
|  | 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):

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**