

Task Title: Money Math

# 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 make calculations based on income, expenses, and purchases.

 **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 (optional)

# Learner Information

Making calculations involving money often requires interpreting word problems.

# Work Sheet

**Task 1: Sarah is paid weekly. She receives $550.32 on weeks 1 and 3, and $602.45 on weeks 2 and 4. How much does she earn in one month?**

Answer:

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

**Task 2: Rent is $900, Hydro and utilities are $100 and Sarah’s Bell bill is $90 every month. Calculate the total of these three expenses.**

Answer:

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

**Task 3: Sarah went shopping and purchased several items. Calculate the total of her purchases.**

* **Details $48.38**
* **Giant Tiger $32.46**
* **Walmart $102.73**
* **Zehrs $55.89**
* **Shoppers Drug Mart $15.37**
* **The Dollar Store $72.31**
* **Wild Wing $75.00**

Answer:

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

**Task 4: Sarah’s balance in her account is $649.88. She wants to buy a new couch and TV. Together they will cost $1,500.00. Calculate her new balance if she purchases the couch and TV.**

Answer:

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

**Task 5: Sarah uses her credit card to make the purchases and is charged 19% interest. Her balance is $936.24. Calculate the interest for this month.**

Answer:

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

**Task 6: Sarah wants to buy a car next year and would like to have a $5,000 down payment. She wants to use one of her smaller paycheques entirely to begin to save. If she saved $550.32 every month, how many months would it take to reach $5,000?**

Answer:

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

# Answers

**Task 1: Sarah is paid weekly. She receives $550.32 on weeks 1 and 3, and $602.45 on weeks 2 and 4. How much does she earn in one month?**

Answer: $2,305.54

 **Task 2: Rent is $900, Hydro and utilities are $100 and Sarah’s Bell bill is $90 every month. Calculate the total of these three expenses.**

Answer: $1,090

 **Task 3: Sarah went shopping and purchased several items. Calculate the total of her purchases.**

* **Details $48.38**
* **Giant Tiger $32.46**
* **Walmart $102.73**
* **Zehrs $55.89**
* **Shoppers Drug Mart $15.37**
* **The Dollar Store $72.31**
* **Wild Wing $75.00**

Answer: $402.14

 **Task 4: Sarah’s balance in her account is $649.88. She wants to buy a new couch and TV. Together they will cost $1,500.00. Calculate her new balance if she purchases the couch and TV.**

Answer: -$850.12

 **Task 5: Sarah uses her credit card to make the purchases and is charged 19% interest. Her balance is $936.24. Calculate the interest for this month.**Answer: $177.89

**Task 6: Sarah wants to buy a car next year and would like to have a $5,000 down payment. She wants to use one of her smaller paycheques entirely to begin to save. If she saved $550.32 every month, how many months would it take to reach $5,000?**

Answer: 9.1 months or 10 months (since we are measuring in months and it will take more than 9)

# 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):

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