



**Task Title: Total a Bill and Make Proper Change**

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:** In this task the learner will total a bill and make proper change using a calculator.

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

- Find and Use Information/Read continuous text/A1.1
- Understand and Use Numbers/Manage money/C1.1 and C1.2

**Materials Required:**

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

## Learner Information

It is important for restaurant servers to be able to handle money correctly without the aid of an automated cash machine, and to maintain an honest reputation at work.

Read the Math Problem.

### **Math Problem:**

John is a server in a restaurant. Normally, he enters all transactions into the computer which tells him how much a customer owes and how much change he has to give back. The computer will also let him add in tips.

One afternoon, the restaurant computer freezes and the machine has to be shut down and re-booted. This can sometimes take up to 20 minutes. A customer is done his meal and is anxious to leave. John has to manually add the customer's bill and provide him with change. If he makes a mistake, the customer might think John is trying to rip him off or John's boss might think he is trying to skim money from the cash till. John wants to protect his reputation as a good and honest worker.

The man ordered the hamburger platter which was \$10.99. He also ordered gravy for his fries which is an additional .75 cents. He had two cups of coffee. Coffee is \$1.25 with free refills. There is 8% sales tax that has to be added on the bill.

Work Sheet

**Task 1: Calculate the total of the customer's order without the tax.**

Answer:

---

**Task 2: Calculate how much the 8% tax will be on the order.**

Answer:

---

**Task 3: Calculate the total of the customer's order with tax.**

Answer:

---

**Task 4: The customer gives John \$20 to pay for his order. How much change is the customer owed?**

Answer:

---

## Answers

**Task 1: Calculate the total of the customer's order without the tax.**

Answer:  $10.99 + .75 + 1.25 = \$12.99$

**Task 2: Calculate how much the 8% tax will be on the order.**

Answer:  $12.99 \times .08 = \$1.04$

**Task 3: Calculate the total of the customer's order with tax.**

Answer:  $12.99 + 1.04 = \$14.03$

**Task 4: The customer gives John \$20 to pay for his order. How much change is the customer owed?**

Answer:  $20 - 14.03 = \$5.97$  (\$5.95 if learner rounds down)

### Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A1.1	follows the sequence of events in straightforward chronological texts			
C1.1	adds, subtracts, multiplies and divides whole numbers and decimals			
	recognizes values in number and word format			
	identifies and performs required operation			
	follows apparent steps to reach solutions			
	interprets and represents costs using monetary symbols and decimals			
	uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			

Task Title: TotalABillAndMakeChange\_E\_A1.1\_C1.1\_C1.2

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

Task Title: TotalABillAndMakeChange\_E\_A1.1\_C1.1\_C1.2

Learner Comments:

Instructor (print):

---

Learner (print):

---