



**Task-based Activity Cover Sheet**

**Task Title:** Estimate Packages of Paper to Purchase

<b>Learner Name:</b>	
<b>Date Started:</b>	<b>Date Completed:</b>
<b>Successful Completion:</b> Yes ___ No ___	
<b>Goal Path:</b> Employment ___ Apprenticeship ___ Secondary School ✓ Post Secondary ✓ Independence ___	
<b>Task Description:</b> Estimate the number of packages of paper to purchase for a semester	
<b>Competency:</b> C:Understand and Use Numbers	<b>Task Group(s):</b> C4: Manage Data
<b>Level Indicators:</b> C4.1: Make simple comparisons and calculations	
<b>Performance Descriptors:</b> see after answer key or click here.	
<b>Links to skill building activities:</b> see the last page or <a href="#">click here</a>	
<b>Materials Required:</b> <ul style="list-style-type: none"><li>• Class schedule (attached)</li><li>• Pencil, eraser</li></ul>	
<b>ESKARGO:</b> <ul style="list-style-type: none"><li>• Adds, subtracts, multiplies, and divides whole numbers and decimals</li><li>• Identifies and performs required 1-step operations</li><li>• Identifies and performs required operation</li><li>• Makes simple estimates</li><li>• Follows apparent steps to reach solutions</li></ul>	
<b>Attitudes:</b> Practitioner, We encourage you to talk with the learner about attitudes required to complete this task set. The context of the task has to be considered when identifying attitudes.  With your learner, please check one of the following: <input type="checkbox"/> Attitude is not important <input type="checkbox"/> Attitude is somewhat important <input type="checkbox"/> Attitude is very important	

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## Prepared for: Cementing Integration Project – QUILL Learning Network 2015

A student in high school or college needs to buy enough paper for the semester. Sometimes the student can save money by buying paper in bulk.

### Learner Information and Tasks:

The student is taking 7 classes per week for the Fall Semester at college. A student will need about 100 sheets of paper for each class for the Fall Semester.

**Task 1:** How much paper will the student need in total for the Fall Semester?

**Task 2:** Paper comes in packages of 200. Approximately how many packages of paper will a student need to buy for the fall semester?

**Task 3:** The student can get a discount if they buy five packages of paper. Calculate the number of sheets in five packages if each package has 200 sheets.



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**Answer Key**

**Task 1:** How much paper will the student need in total for the fall semester?

$$7 \times 100 = \mathbf{700}$$

**Task 2:** Paper comes in packages of 200. Approximately how many packages of paper will a student need to buy for the fall semester?

$$700 \div 200 = 3.5 \text{ but you cannot buy half a package so the answer is } \mathbf{4 \text{ packages}}$$

**Task 3:** The student can get a discount if they buy five packages of paper. Calculate the number of sheets in five packages if each package has 200 sheets?

$$5 \times 200 = \mathbf{1000}$$



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Performance Descriptors		Needs Work	Completes task with support from practitioner	Completes task independently
C4.1	<ul style="list-style-type: none"><li>• adds, subtracts, multiplies and divides whole numbers and decimals</li></ul>			
	<ul style="list-style-type: none"><li>• identifies and performs required operation</li></ul>			
	<ul style="list-style-type: none"><li>• makes simple estimates</li></ul>			
	<ul style="list-style-type: none"><li>• follows apparent steps to reach solutions</li></ul>			

**This task:** was successfully completed\_\_\_\_ needs to be tried again\_\_\_\_

<b>Learner Comments</b>

\_\_\_\_\_  
**Instructor (print)**

\_\_\_\_\_  
**Learner Signature**



## Skill Building Activities

### Links to online resources:

- How to add, subtract, multiply and divide...: <http://www.mathsisfun.com/numbers/index.html>  
Scroll down to the “How to add, subtract, multiply and divide...” Each math operation is defined and examples with visuals are used. There are also interactive games and worksheets provided for extra practice.
- Adding and Subtracting Decimals: <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-arithmetic-operations/cc-6th-add-sub-decimals>

This link brings up several Khan Academy tutorials on adding and subtracting decimals. By using this resource, learners are exposed to a number of examples on how to add decimals, subtract decimals, and decimal word problems.

- Multiplying and Dividing Decimals: [http://www.wem.mb.ca/learner\\_materials.aspx](http://www.wem.mb.ca/learner_materials.aspx)

Scroll down to “K – Multiplying Decimals” and “L – Dividing Decimals.” These tutorials are in two parts: the first video explains the math concept, while the second video shows an example for practice.

- Operation Word Clues: <http://www.nwt.literacy.ca/resources/adultlit/problems/contents.htm>

By clicking on the “Word Clues” page, learners are given a table with word clues used for addition, subtraction, multiplication and division. Examples of word clues used in word problems are also provided within the table. To view more word clues click on “Next Page” at the bottom of the screen. Learners can also access “Problems with Word Clues” and “Select the Question and Given Information” from the Table of Contents to practice choosing which operation is required.

- How to estimate answers... : <http://www.mathsisfun.com/numbers/estimation.html>

“Estimation is a skill for life.” This link is an introduction to estimation and will help the learner to understand how estimation can be applied to everyday life. There are estimation games and practice activities to help learners practice their estimation skills.

### LearningHUB Courses Available:

- **Math, Independent Study -\_100 Whole Numbers Assignment; 101 Addition, Subtraction Assignment 1 & 2; 201 Multiplication, Division Assignment; 302 Decimals Assignment; 303 Data Analysis Assignment** (Assigned by Practitioner after assessment)
- **Live Classes (SABA) –\_Multiplication; Division; Decimals A; Decimals B; Math Stories**

**\*To access LearningHUB courses**, learners must register for the LearningHUB e-Channel program by completing the registration form on their website and completing the course selection (page 2 of the registration form): [https://www.learninghub.ca/get\\_registered.aspx](https://www.learninghub.ca/get_registered.aspx)

**\*To Access LearningHUB Course Catalogue:**

<http://www.learninghub.ca/Files/PDF-files/HUBcoursecatalogue,%20December%202023,%202014%20revision.pdf>