



Task Title: Using Fractions at Work

OALCF Cover Sheet – Learner 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 solve word problems involving calculations using fractions.

Main Competency/Task Group/Level Indicator:

- Find and Use Information/Read continuous text/A1.1
- Understand and Use Numbers/Manage time/C2.2
- Manage Learning/E.1

Materials Required:

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

Task Title: UsingFractionsAtWork_ES_A1.1_C2.2_E.1

Learner Information

In our work lives, we often encounter problems involving fractions. Fractions may be used to solve problems involving price calculations or time management of tasks.

Work Sheet

Task 1: The bus you take to go to work arrives at your bus stop at 8:15 a.m. It takes you $\frac{1}{3}$ hour to get showered and dressed; 20 minutes to eat; and $\frac{2}{3}$ hour to walk to your bus stop. How long before the bus will arrive must you get up?

Answer:

Task 2: At the store where you work, everything is on sale today for $\frac{2}{3}$ off the original price. A customer wants to purchase a coat. The original price of the coat is \$144. How much will the customer pay today?

Answer:

Task 3: The directions for mixing up garden fertilizer say to add $\frac{5}{8}$ cup fertilizer to a litre of water. You have a large garden area and decide to triple the amounts. How much fertilizer and how much water will you need?

Answer:

Task 4: Joe is reading a report from work. It says that $\frac{2}{3}$ of their customers like one product the best, while another $\frac{1}{4}$ like another product the best. The rest have no opinion. Joe wants to contact the people who have no opinion. If there are 360 customers, how many customers will Joe have to contact?

Answer:

Task 5: When cutting a piece of trim, by mistake you cut a piece $2\frac{3}{8}$ " instead of the required $5\frac{1}{4}$ ". Since you don't have enough to recut the correct length, how much more trim do you need to cut to make up the required length?

Answer:

Task 6: You are working at an assisted living facility for older people who need help with cleaning and yard work. It takes you $\frac{3}{4}$ hour to mow the lawn and $\frac{1}{2}$ hour to edge and trim. Then you spend 50 minutes working in the vegetable garden. How many hours will you record in your work log?

Answer:

Task 7: Complete the Learner's Self Reflection checklist.

Learner's Self-Reflection

1. I know how to place fractions in order of size. Yes No
 2. I can visualize what part of a whole is meant by different fractions. Yes No
 3. I can add and subtract fractions. Yes No
 4. I can multiply and divide fractions. Yes No
 5. I understand what a proper and an improper fraction is. Yes No
 6. I usually reduce fractions to their lowest terms. Yes No
 7. I read the question carefully to find clues to its solution. Yes No
 8. I can solve real life problems involving fractions. Yes No
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