

OALCF Tasks for the Apprenticeship Goal Path: Prepared for the Project, *Developing Best Practices for Increasing, Supporting and Retaining Apprentices in Northern Ontario (2014)*

OALCF Task Cover Sheet

Task Title: Calculate Chicken Dip Recipe Ingredients

Learner Name:	
Date Started:	Date Completed:
Successful Completion: Yes ___ No ___	
Goal Path: Employment <input checked="" type="checkbox"/> Apprenticeship <input checked="" type="checkbox"/> Secondary School ___ Post Secondary ___ Independence ___	
Task Description: Calculate and convert units of measure.	
Competency: A: Find and Use Information C: Understand and Use Numbers	Task Group(s): A2: Interpret documents C2: Manage time C3: Use measures
Level Indicators: A2.1: Interpret very simple documents to locate specific details C2.1: Measure time and make simple comparisons and calculations. C3.2: Use measures to make one-step calculations. C3.3: Use measures to make multi-step calculations	
Performance Descriptors: see chart on last page	
Materials Required: <ul style="list-style-type: none"> • Pencil and paper • Calculator - optional 	

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Cooks read recipes and use them to prepare food. Cooks compare quantities of ingredients used in recipes by converting between metric and imperial measurements. Look at the Chicken Dip Recipe.

Learner Information and Tasks:

Task 1: Calculate the total time needed to prepare this recipe.

Task 2: a) One (1) ounce (oz.) equals 28.34 grams (g). Calculate how many grams are in one 8-ounce box of chicken flavoured crackers.

b) If the cook has a 454 g package of chicken flavoured crackers, how many times can they make this recipe before having to buy more?

Task 3: a) One (1) cup equals 236.59 grams (g). Calculate how many grams of shredded cheddar cheese are required.

b) If the cook has a 2 kg package of shredded cheddar cheese, how many times can they make this recipe before having to buy more?

Task 4: a) One (1) ounce (oz.) equals 28.34 grams (g). The cook needs to make 15 cups of dip. Calculate how many grams of cream cheese, softened, the cook needs.

b) The cook has several 400 g containers of softened cream cheese. How many containers will they need to make 15 cups of dip?

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Chicken Dip

Prep time: 5 minutes

Cook time: 40 minutes

Serving: 5 cups

Ingredients:

- Two 10-ounce cans chunk chicken, drained
- Two 8-ounce packages cream cheese, softened
- 1 cup ranch dressing
- $\frac{3}{4}$ cup pepper sauce
- 1 $\frac{1}{2}$ cups shredded cheddar cheese
- 1 bunch celery, cleaned and cut into 4-inch pieces
- One 8-ounce box chicken-flavoured crackers

Directions:

1. Heat chicken and hot sauce in a skillet over medium heat, until heated through.
2. Stir in cream cheese and ranch dressing.
3. Cook, stirring until well blended and warm.
4. Mix in half of the shredded cheese, and transfer the mixture to a slow cooker.
5. Sprinkle the remaining cheese over the top, cover, and cook on low setting until hot and bubbly.
6. Serve with celery sticks and crackers.

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Answer Key

Task 1: Add 5 minutes of prep time to 40 minutes of cook time

45 minutes

Task 2: a) If 1oz. equals 28.34 g, multiply 8 by 28.34 to find the number of grams in 8 oz.

$$8 \times 28.34 = 226.72$$

226.72 grams (g)

b) 8 oz = 226.72 (g)

$$454 \div 226.72 = 2.00$$

The cook can make this recipe 2 times before needing to buy more

Task 3: a) If 1 cup equals 236.59 g, multiply 1 ½ by 236.59 to find the number of grams in 1 ½ cups of shredded cheddar cheese.

$$1 \frac{1}{2} \times 236.59 = 354.885$$

Round to the nearest hundredth

354.89 grams

b) Convert 2 kg to grams

$$1,000 \text{ g/kg} \times 2 \text{ kg} = 2,000 \text{ g}$$

$$\text{Divide } 2,000 \text{ (g) by } 354.89 \text{ (g)} = 5.64$$

The cook can make this recipe 5 times before having to buy more

Task 4: **a)** The portion serving for this recipe is five (5) cups. Fifteen (15) cups is three (3) times the recipe portion servings.

Calculate the number of ounces (oz) in two (2) packages of cream cheese to determine the amount of ounces (oz) in a five (5) cup serving: $2 \text{ packages} \times 8 \text{ oz} = 16 \text{ oz}$

Calculate the number of ounces (oz) in fifteen (15) cups by multiplying by three (3):

$$16 \text{ oz} \times 3 = 48 \text{ oz}$$

$$1 \text{ oz} = 28.34 \text{ g}$$

Calculate the number of grams in 15 cups by multiplying the number of ounces in 15 cups by 28.34:

$$48 \text{ oz} \times 28.34 = 1360.32$$

1,360.32 g is required for 15 cups

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b) 15 cups of dip requires 1,360.32 (g)

$$1,360.32 \text{ (g)} \div 400 \text{ (g)} = 3.40$$

The cook will need four (4) 400 g containers of softened cream cheese to prepare 15 cups of chicken dip (a little bit of cream cheese will be left over).

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Performance Descriptors		Needs Work	Completes task with support from practitioner	Completes task independently
A2.1	<ul style="list-style-type: none"> scans to locate specific details 			
	<ul style="list-style-type: none"> interprets brief text and common symbols 			
	<ul style="list-style-type: none"> locates specific details in simple documents, such as labels and signs 			
	<ul style="list-style-type: none"> identifies how lists are organized (e.g. sequential, chronological, alphabetical) 			
C2.1	<ul style="list-style-type: none"> adds, subtracts, multiplies and divides whole numbers and decimals 			
	<ul style="list-style-type: none"> recognizes values in number and word format 			
	<ul style="list-style-type: none"> understands chronological order 			
	<ul style="list-style-type: none"> understands and uses common date formats 			
	<ul style="list-style-type: none"> identifies and performs required operation 			
	<ul style="list-style-type: none"> represents dates and times using standard conventions 			
	<ul style="list-style-type: none"> chooses appropriate units of measurement (e.g. hours, minutes, seconds) 			
	<ul style="list-style-type: none"> follows apparent steps to reach solutions 			
	<ul style="list-style-type: none"> uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation) 			
C3.2	<ul style="list-style-type: none"> calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers 			

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	<ul style="list-style-type: none"> converts units of measurement within the same system and between systems 			
	<ul style="list-style-type: none"> chooses and performs required operation(s); may make inferences to identify required operation(s) 			
	<ul style="list-style-type: none"> selects appropriate steps to solutions 			
	<ul style="list-style-type: none"> interprets, represents and converts measures using whole numbers, decimals, percentages, ratios and simple, common fractions (e.g. $\frac{1}{2}$, $\frac{1}{4}$) 			
	<ul style="list-style-type: none"> uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation) 			
C3.3	<ul style="list-style-type: none"> calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers 			
	<ul style="list-style-type: none"> interprets, represents and converts measures using whole numbers, decimals, percentages, ratios and fractions 			
	<ul style="list-style-type: none"> 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 Signature