



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

Task Title: Calculate Chicken Dip Recipe Ingredients

OALCF Cover Sheet – Practitioner Copy

Learner Name: _____

Date Started (m/d/yyyy): _____

Date Completed (m/d/yyyy): _____

Successful Completion: Yes No

Goal Path: Employment Apprenticeship

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 Groups: 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:

- Calculator (optional)

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.

Learner Information and Work Sheet 1

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.

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

Answer:

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

Answer:

Task 2b: 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?

Answer:

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

Answer:

Work Sheet 2

Task 3b: 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?

Answer:

Task 4a: 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.

Answer:

Task 4b: The cook has several 400 g containers of softened cream cheese. How many containers will they need to make 15 cups of dip?

Answer:

Answers 1

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

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

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

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

Answers 2

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

- 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).

Performance Descriptors 1

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A2.1	Scans to locate specific details			
A2.1	Interprets brief text and common symbols			
A2.1	Locates specific details in simple documents, such as labels and signs			
A2.1	Identifies how lists are organized (e.g. sequential, chronological, alphabetical)			
C2.1	Adds, subtracts, multiplies and divides whole numbers and decimals			
C2.1	Recognizes values in number and word format			
C2.1	Understands chronological order			
C2.1	Understands and uses common date formats			
C2.1	Identifies and performs required operation			
C2.1	Represents dates and times using standard conventions			
C2.1	Chooses appropriate units of measurement (e.g. hours, minutes, seconds)			

Performance Descriptors 2

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
C2.1	Follows apparent steps to reach solutions			
C2.1	Uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			
C3.2	Calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers			
C3.2	Converts units of measurement within the same system and between systems			
C3.2	Chooses and performs required operation(s); may make inferences to identify required operation(s)			
C3.2	Selects appropriate steps to solutions			
C3.2	Interprets, represents and converts measures using whole numbers, decimals, percentages, ratios and simple, common fractions (e.g. $\frac{1}{2}$, $\frac{1}{4}$)			

Performance Descriptors 3

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
C3.2	Uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			
C3.3	Calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers			
C3.3	Interprets, represents and converts measures using whole numbers, decimals, percentages, ratios and fractions			
C3.3	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

Performance Descriptors 3

Learner Comments:

Instructor (print):

Learner (print):
