



Task Title: Calculating Food Preparation Amounts

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: Calculate total menu items using percentages to get totals and complete charts for planning.

Main Competency/Task Group/Level Indicator:

- Find and Use Information/Interpret documents/A2.2
- Communicate Ideas and Information/Complete and create documents/B3.2a
- Understand and Use Numbers/Use measurements/C3.2

Materials Required:

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

Learner Information

A prep cook is responsible for preparing all the basic elements of the menu items. The Executive Chef of a restaurant keeps track of how many items on the menu are ordered each night. The Executive Chef sends these numbers along to the prep cook so that they can prepare the anticipated amount of food.

Scan the "Food Preparation" and "Food Preparation Weekly Planning" documents.

Food Preparation

Menu Item	Percentage of people who usually order this item	Total number of people in the restaurant	Number of items to prepare per sitting	Number of items to prepare in total
Soup	30%	240		
Hot Appetizer	38%	240		
Cold Appetizer	24%	240		
Spinach Salad	12%	240		
Caesar Salad	28%	240		
Tossed Salad	26%	240		
Beef Main Course	21%	240		
Fish Main Course	25%	240		
Chicken Main Course	14%	240		
Vegetarian Main Course	8%	240		
Main Course Special	32%	240		
Cake	12%	240		
Pie	7%	240		
Mousse	5%	240		
Fresh Fruit Dessert	7%	240		
Dessert Special	35%	240		

Food Preparation

Menu Item	Percentage of people who usually order this item	Total number of people in the restaurant	Number of items to prepare per sitting	Number of items to prepare in total
Soup	30%	65		
Hot Appetizer	38%	65		
Cold Appetizer	24%	65		
Spinach Salad	12%	65		
Caesar Salad	28%	65		
Tossed Salad	26%	65		
Beef Main Course	21%	65		
Fish Main Course	25%	65		
Chicken Main Course	14%	65		
Vegetarian Main Course	8%	65		
Main Course Special	32%	65		
Cake	12%	65		
Pie	7%	65		
Mousse	5%	65		
Fresh Fruit Dessert	7%	65		
Dessert Special	35%	65		

Food Preparation Weekly Planning

Menu Item	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total
Soup								
Hot Appetizer								
Cold Appetizer								
Spinach Salad								
Caesar Salad								
Tossed Salad								
Beef Main Course								
Fish Main Course								
Chicken Main Course								
Vegetarian Main Course								
Main Course Special								
Cake								
Pie								
Mousse								
Fresh Fruit Dessert								
Dessert Special								

Work Sheet

Task 1: Complete the Food Preparation chart: From Tuesday to Saturday, the restaurant has a capacity of 120 people per sitting. There are 2 sittings per evening.

- Calculate the number of menu items to prepare per sitting.
- Calculate the total number of menu items for the evening.

Answer:

*enter answers on chart

Task 2: Complete another Food Preparation chart: On Sunday and Monday there is only one sitting and the number of people for the sitting is approximately 65. Calculate the number of menu items required for both Sunday and Monday.

Answer:

*enter answers on chart

Task 3: Complete the Food Preparation Weekly Planning chart. Calculate the total menu items needed for 7 days of the week from Sunday to Saturday.

Answer:

*enter answers on chart

Answers

Task 1:

Menu Item	Percentage of people who usually order this item	Total number of people in the restaurant	Number of items to prepare per sitting	Number of items to prepare in total
Soup	30%	240	$120 \times .30 = 36$	$\leftarrow \times 2 = 72$
Hot Appetizer	38%	240	$120 \times .38 = 45.6 (46)$	$\leftarrow \times 2 = 91$
Cold Appetizer	24%	240	$120 \times .24 = 28.8 (29)$	$\leftarrow \times 2 = 58$
Spinach Salad	12%	240	$120 \times .12 = 14.4 (14)$	$\leftarrow \times 2 = 29$
Caesar Salad	28%	240	$120 \times .28 = 33.6 (34)$	$\leftarrow \times 2 = 67$
Tossed Salad	26%	240	$120 \times .26 = 31.2 (31)$	$\leftarrow \times 2 = 62$
Beef Main Course	21%	240	$120 \times .21 = 25.2 (25)$	$\leftarrow \times 2 = 50$
Fish Main Course	25%	240	$120 \times .25 = 30$	$\leftarrow \times 2 = 60$
Chicken Main Course	14%	240	$120 \times .14 = 16.8 (17)$	$\leftarrow \times 2 = 34$
Vegetarian Main Course	8%	240	$120 \times .08 = 9.6 (10)$	$\leftarrow \times 2 = 19$
Main Course Special	32%	240	$120 \times .32 = 38.4 (38)$	$\leftarrow \times 2 = 77$
Cake	12%	240	$120 \times .12 = 14.4 (14)$	$\leftarrow \times 2 = 29$
Pie	7%	240	$120 \times .07 = 8.4 (8)$	$\leftarrow \times 2 = 17$
Mousse	5%	240	$120 \times .05 = 6$	$\leftarrow \times 2 = 12$
Fresh Fruit Dessert	7%	240	$120 \times .07 = 8.4 (8)$	$\leftarrow \times 2 = 17$
Dessert Special	35%	240	$120 \times .35 = 42$	$\leftarrow \times 2 = 84$

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Task 2:

Menu Item	Percentage of people who usually order this item	Total number of people in the restaurant	Number of items to prepare per sitting	Number of items to Prepare in total 65 people
Soup	30%			$65 \times .30 = 19.5$ (20)
Hot Appetizer	38%			$65 \times .38 = 24.7$ (25)
Cold Appetizer	24%			$65 \times .24 = 15.6$ (16)
Spinach Salad	12%			$65 \times .12 = 7.8$ (8)
Caesar Salad	28%			$65 \times .28 = 18.2$ (18)
Tossed Salad	26%			$65 \times .26 = 16.9$ (17)
Beef Main Course	21%			$65 \times .21 = 13.65$ (14)
Fish Main Course	25%			$65 \times .25 = 16.25$ (16)
Chicken Main Course	14%			$65 \times .14 = 9.1$ (9)
Vegetarian Main Course	8%			$65 \times .08 = 5.2$ (5)
Main Course Special	32%			$65 \times .32 = 20.8$ (21)
Cake	12%			$65 \times .12 = 7.8$ (8)
Pie	7%			$65 \times .07 = 4.55$ (5)
Mousse	5%			$65 \times .5 = 3.25$ (3)
Fresh Fruit Dessert	7%			$65 \times .07 = 4.55$ (5)
Dessert Special	35%			$65 \times .35 = 22.75$ (23)

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Task 3:

Menu Item	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total
Soup	20	20	72	72	72	72	72	400
Hot Appetizer	25	25	91	91	91	91	91	505
Cold Appetizer	16	16	58	58	58	58	58	322
Spinach Salad	8	8	29	29	29	29	29	161
Caesar Salad	18	18	67	67	67	67	67	371
Tossed Salad	17	17	62	62	62	62	62	344
Beef Main Course	14	14	50	50	50	50	50	278
Fish Main Course	16	16	60	60	60	60	60	332
Chicken Main Course	9	9	34	34	34	34	34	188
Vegetarian Main Course	5	5	19	19	19	19	19	105
Main Course Special	21	21	77	77	77	77	77	427
Cake	8	8	29	29	29	29	29	161
Pie	5	5	17	17	17	17	17	95
Mousse	3	3	12	12	12	12	12	66
Fresh Fruit Dessert	5	5	17	17	17	17	17	95
Dessert Special	23	23	84	84	84	84	84	466

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A2.2	performs limited searches using one or two search criteria			
	extracts information from tables and forms			
	uses layout to locate information			
	makes connections between parts of documents			
	makes low-level inferences			
B3.2a	uses layout to determine where to make entries			
	begins to make some inferences to decide what information is needed, where and how to enter the information			
	follows instructions on documents			
C3.2	calculates using numbers expressed as whole numbers, fractions decimals, percentages and integers			

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Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
	makes estimates			
	chooses and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to solutions			
	interprets, represents and converts measures using whole numbers, decimals, percentages, ratios and simple, common fractions (e.g. $\frac{1}{2}$, $\frac{1}{4}$)			
	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

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Learner Comments:

Instructor (print):

Learner (print):
