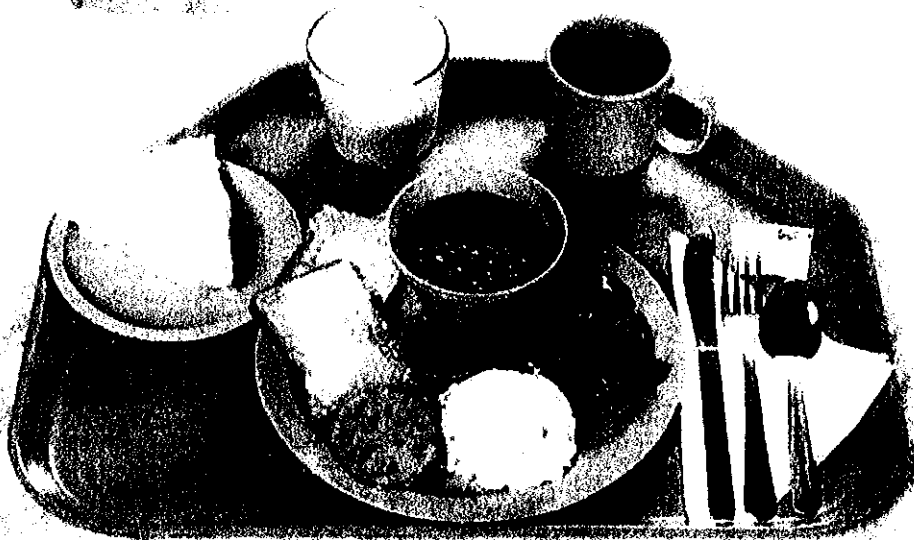


Can you calculate the % eaten of this tray?



Full Tray

- 1 cup coffee
- 1 cup milk
- 4 chicken nuggets
- ½ cup potato salad
- ½ cup baked beans
- 1 slice bread with margarine
- 1 slice lemon pie
- Garnish – Tomato slice / BBQ sauce

Servings Eaten

- 0 coffee
- ½ milk
- ¼ chicken nuggets
- ½ potato salad
- 0 baked beans
- 1 slice bread
- ¼ lemon pie
- ½ tomato

HERE IS HOW!

STEP 1: COUNT THE NUMBER OF SERVINGS ON THE TRAY. (See chart on next page for items to count.)

ITEM	COUNTED	TOTAL SERVINGS COUNTED
Coffee	No	0
Milk	Yes	+1 = 1
Chicken	Yes	+1 = 2
Potato Salad	Yes	+1 = 3
Baked Beans	Yes	+1 = 4
Bread	Yes	+1 = 5
Pie	Yes	+1 = 6
Tomato Garnish	No	+0 = 6 Total Servings Counted

STEP 2: ESTIMATE AND ADD THE TOTAL SERVINGS EATEN OF ITEMS COUNTED:

ITEM	COUNTED	TOTAL SERVINGS COUNTED
Coffee	No	0
Milk	1/2 serving	1/2 serving +
Chicken	1/4 serving	1/4 serving = 3/4 serving +
Potato Salad	1/2 serving	1/2 serving = 1 1/4 servings +
Baked Beans	0 serving	0 serving = 1 1/4 servings +
Bread	1 serving	1 serving = 2 1/4 servings +
Pie	1/4 serving	1/4 serving = 2 1/2 servings eaten
Tomato Garnish	No	

STEP 3: ROUND SERVINGS EATEN TO NEAREST 1/2 SERVING. (There is no need to round in this example.)

Answer: 2 1/2 SERVINGS EATEN

STEP 4: REFER TO THE CHART ON THE FOLLOWIING PAGE TO CHANGE TOTAL NUMBER OF SERVINGS EATEN TO PERCENTAGE. LOCATE THE TOTAL NUMBER OF SERVINGS EATEN (STEP 3: 2 1/2) ALONG THE TOP OF THE CHART.

LOCATE THE TOTAL NUMBER OF SERVINGS COUNTED (STEP 1: 6) ALONG THE SIDE OF THE CHART. THE PERCENTAGE EATEN WILL BE FOUND WERE THE TWO POINTS MEET. (42%)

Complete these sample exercises to demonstrate the use of the "How to Calculate Percentage Eaten" chart from the Arkansas CD-HCF. Practice with actual plated samples if possible.

Exercise #1

MEAL	ITEMS ON TRAY	RESIDENT #1	RESIDENT #2	RESIDENT #3
		CONSUMED	CONSUMED	CONSUMED
BREAKFAST	ORANGE JUICE	1/2	ALL	NONE
	TOAST	NONE	1/2	3/4
	EGGS	ALL	NONE	1/2
	CEREAL	1/2	ALL	1/2
	MILK	3/4	3/4	1/2
	COFFEE	ALL	ALL	ALL

STEP 1

Determine the total number of servings to count for each resident.

STEP 2

Determine the total number of servings eaten for each resident.

STEP 3

Round the total number of servings eaten down to the nearest 1/2 serving.

STEP 4

Refer to the chart and find the number of servings eaten across the top of the chart (step 3) and the total number of servings counted (step 1) along the side of the chart.

Determine the percentage eaten where these two lines intersect.

_____ % _____ % _____ %

EXERCISE #1 ANSWER KEY---SEE BOTTOM OF PAGE

MEAL	ITEMS ON TRAY	RESIDENT #1	RESIDENT #2	RESIDENT #3
		CONSUMED	CONSUMED	CONSUMED
BREAKFAST	ORANGE JUICE	1/2	ALL	NONE
	TOAST	NONE	1/2	3/4
	EGGS	ALL	NONE	1/2
	CEREAL	1/2	ALL	1/2
	MILK	3/4	3/4	1/2
	COFFEE	ALL	ALL	ALL

STEP 1

Determine the total number of servings to count for each resident.

5 5 5

STEP 2

Determine the total number of servings eaten for each resident.

2 3/4 3 1/4 2 1/4

STEP 3

Round the total number of servings eaten down to the nearest 1/2 serving.

2 1/2 3 2

STEP 4

Refer to the chart and find the number of servings eaten across the top of the chart (step 3) and the total number of servings counted (step 1) along the side of the chart.

Determine the percentage eaten where these two lines intersect.

50 % 60 % 40 %

ANSWER KEY:

STEP 1: Count the following items: orange juice, toast, eggs, cereal, & milk = 5 servings counted

STEP 2: Resident #1 = $1/2 + 0 + 1 + 1/2 + 3/4 = 2 3/4$ servings eaten

Resident #2 = $1 + 1/2 + 0 + 1 + 3/4 = 3 1/4$ servings eaten

Resident #3 = $0 + 3/4 + 1/2 + 1/2 + 1/2 = 2 1/4$ servings eaten

STEP 3: Resident # 1 = 2 1/2 servings eaten (rounded down to the nearest 1/2)

Resident # 2 = 3 servings eaten (rounded down to the nearest 1/2)

Resident # 3 = 2 servings eaten (rounded down to nearest 1/2)

STEP 4: Resident # 1 = 2 1/2 servings eaten out of 5 servings on the tray = 50%

Resident # 2 = 3 servings eaten out of 5 servings on the tray = 60%

Resident # 3 = 2 servings eaten out of 5 servings on the tray = 40%