

INFORMATION FOR STANDARDIZED RECIPES**RECIPE CONVERSION**

Since few dining facilities serve exactly 100 persons, and, in some instances, the acceptable size portion may be smaller or larger, it is often necessary to reduce or increase a recipe. You may adjust the recipe to yield the number of portions needed, or to use the amount of ingredients available, or to produce a specific number of smaller portions. You may pencil in your computations in the blank column on the recipe card.

In the Weights Column on each recipe card, the quantities of items needed are listed as ___ lb, ___ oz, or ___ lb ___ oz. When increasing or decreasing a recipe, the division or multiplication of pounds and ounces is simplified when decimals are used.

1. To convert the quantities to decimals, use this table:

Weight in Ounces	Decimal of Pound	Weight in Ounces	Decimal of Pound
1.....	.06	9.....	.56
2.....	.13	10.....	.63
3.....	.19	11.....	.69
4 (1/4 lb).....	.25	12 (3/4 lb).....	.75
5.....	.31	13.....	.81
6.....	.38	14.....	.88
7.....	.44	15.....	.94
8 (1/2 lb).....	.50	16 (1 lb).....	1.00

For example: 1 lb 4 oz is converted to 1.25 lb; 2 lb 10 oz is converted to 2.63 lb.

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2. To adjust the recipe to yield a specific number of portions:

First-- Obtain a working factor by dividing the number of portions needed by 100. For example:
 $348 \text{ (portions needed)} \div 100 = 3.48 \text{ (Working Factor)}$

Then-- Multiply the quantity of each ingredient by the working factor. For example:
 $1.25 \text{ lb (recipe)} \times 3.48 \text{ (Working Factor)} = 4.35 \text{ lb (quantity needed)}$.
 The part of the pound is converted to ounces by multiplying the decimal by 16. For example:
 $.35 \text{ lb} \times 16 \text{ ounces} = 5.60 \text{ ounces}$.

After the part of the pound has been converted to ounces, use the following scale to "round off":

.00 to .12	= 0	.63 to .87	= 3/4 ounce
.13 to .37	= 1/4 ounce	.88 to .99	= 1 ounce
.38 to .62	= 1/2 ounce		

Thus 5.60 ounces will be "rounded off" to 5 1/2 ounces, and 4 lb 5 1/2 ounces will be the quantity needed (equal to 4.35 lb).

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