

Cost Per Serving

Supplement 2

Answer the questions that follow. Calculate the information requested in the situations and round to the nearest hundredth (for example, .75 or .50).

Calculate cost per serving by following the steps:

1. Calculate how many ounces of meat you have, keeping in mind that there are 16 ounces in 1 pound, to get the **total ounces of meat**
2. Divide **total ounces of meat** by **number of ounces in a serving** to get the **number of servings**
3. Calculate **total cost of meat** by multiplying the **cost per pound (or ounce)** by the **number of pounds (or ounces)**
4. Divide the **total cost of meat** by **number of servings in the meat** to get the **cost per serving**

EXAMPLE:

You bought 2 pounds of boneless chicken breasts for \$3.50 per pound.

1. Since there are 16 ounces in a pound, 2 pounds X 16 ounces = 32 ounces of chicken
Total ounces of meat = 32
2. If each serving is 4 ounces, 32 ounces ÷ 4 ounces = 8 servings
Number of servings = 8
3. To get the total cost of the meat, 2 pounds X \$3.50 = \$7.00
Total cost of meat = \$7.00
4. And to get the cost per serving, \$7.00 total cost of the meat ÷ 8 servings = .875, which rounds up to 88 cents per serving
Cost per serving = 88 cents

You purchased an 8 pound ham for \$1.76 per pound.

1. How many servings of ham do you have? _____

2. What is the cost for one serving? _____
3. What is the total cost of the ham? _____

Ground beef is on sale for \$4.00 a pound if you buy a four-pound package.

4. How much will one package of ground beef cost? _____

5. If you want to make $\frac{1}{4}$ pound burgers, how many can you make from the package of ground beef?

6. What will be the cost of each beef patty? _____

You purchased an 18-pound turkey, which cost \$1.59 per pound. Since the turkey has bones, you need to account for 6 ounces per serving.

7. How much did the whole turkey cost? _____

8. How many 6-ounce servings can you get from this turkey? _____

9. What is the cost per serving of the turkey? _____

You are planning a meal for some hearty eaters. There is a 4-pound roast with a medium bone at the grocery store for \$5.33 per pound.

10. If you allow 8 ounces per serving due to the bone, how many servings are possible?

11. If the roast cost \$5.33 per pound, what will be the total cost? _____

12. What is the cost of one 8-ounce serving of roast? _____