

Name: _____

AM

PM

Yield Percentage Practice

1. A 16-ounce pork tenderloin is reduced to 14-ounces when trimmed. Find the yield percent.
2. Sixty-four fluid ounces of whole butter yield 48 ounces of clarified butter. What is the yield percent?
3. How many pounds of trimmed filet will 44.4 pounds of swordfish loin yield if the yield percent is 90.1%?
4. Pearl tapioca grain has a raw to cooked weight yield of 634%. (This means one unit of raw tapioca expands into 6.34 units of cooked tapioca.) Suppose you have 1.2 pounds of raw tapioca. How many pounds of cooked tapioca do you have?

5. Suppose a recipe calls for 25 pounds of trimmed and cleaned baker-Russet potatoes. Russet potatoes have a yield percent of 78.1%. How many pounds of Russet potatoes do you need to order for this recipe?

6. You purchased 25 pounds of sweet potatoes. After cleaning the potatoes, there are 6.25 pounds of peels. What is the yield percent?

7. You have 8.5 pounds of pistachios that you want to use for ice cream. You are left with 4.25 pounds after you shell the nuts. What is the yield percent for the pistachio nuts?

8. You purchase 10.5 pounds of apples in order to have enough apples to make four pies. Each pie is to contain 2 pounds 1 ounce of cleaned apples. What is the yield percent for the apples?

9. You purchase 5 pounds of eggplant and after trimming you have 3.8 pounds of eggplant. What is the yield percentage of eggplant?
10. What quantity of eggplant will you need to purchase for a recipe requiring 8 pounds of eggplant?
11. You purchased 10 pounds of beets and after trimming you have 4.5 pounds. What is the yield percentage for beets?
12. A recipe calls for 5 pounds of green beans. Green beans have a yield percentage of 88%. How much will you need to purchase?

13. Mushrooms have a yield percentage of 90%. How much will you need to purchase for a recipe needing 1.5 pounds of mushrooms?
14. Broccoli has a yield percentage of 65%. You need 6 pounds of broccoli for a recipe. What quantity do you need to purchase?
15. You have 20 pounds of apples in the storeroom. According to the Book of Yields, apples have a yield percentage of 75%. After trimming how many pounds of apples will you have?
16. Kiwi has a yield percentage of 81%. There are 6.5 pounds of kiwi available. How many pounds will result after trimming?

Use the percentage yield chart to answer questions 17 – 20.

Apples	75%
Bananas	70%
Carrots	80%
Lettuce	75%
Peas	40%
Potatoes	80%
Pineapple	50%

17. What is the As Purchased amount of lettuce, when the edible portion is 12 pounds?

18. What is the edible portion of pineapple with an As Purchased amount of 15.75 pounds?

19. Your recipe requires 4.75 pounds of trimmed potatoes. How much do you need to purchase for this recipe?

20. How many pounds of peas will you need to purchase to have 4.5 pounds after trimming?