Name: _____   Date _____

Topic : Percentage Word Problems- Worksheet 2

1. Stuart made a fruit juice using oranges and grapes. Sixty percent of fruits are oranges. If he used a total of 60 oranges, how many grapes should he use?

2. Dick just hired a new employee to work in your bakeshop. In one hour the employee burned 55 chocolate chip cookies. If this represented 15% of the day's production, how many cookies did you plan on producing that day?

3. The monthly budget for the front of the house is $18,000. You spent 9% of the budget on fresh flowers. How much did you spend on fresh flowers?

4. Your food costs are $5,500. Your total food sales are $11,000. What percent of your food sales do the food costs represent?

5. You have a large container of olive oil. You have used 25 quarts of oil. Twenty-five percent of the olive oil remains. How many quarts of olive oil remain?

6. A serving of ice cream contains 4200 calories. 1260 calories come from fat. What percent of the total calories come from fat?

7. The chef has 50 pounds of strip loin. The trim loss on the strip loin is 60% and the cooking loss is 20% of the trimmed weight. How many pounds of trimmed, cooked strip loin will the chef have left to serve to his customers?

8. Calculate 4.5% of 600 kg?

9. Calculate 25% of 700cm?

10. Out of 3500 students of a school, only 36% passed. Find how many students failed.

Name: _____   Date _____

1. Janelle made a fruit cake using bananas and apples. Forty percent of fruits are bananas. If she used a total of 120 fruits, how many apples should she use?

2. John just hired a new employee to work in your bakeshop. In one hour the employee burned 150 chocolate chip cookies. If this represented 15% of the day's production, how many cookies did you plan on producing that day?

3. The monthly budget for the front of the house is $51,000. You spent 17% of the budget on fresh flowers. How much did you spend on fresh flowers?

4. Your food costs are $2250. Your total food sales are $25,000. What percent of your food sales do the food costs represent?

5. You have a large container of mustard oil. You have used 480 quarts of oil. Seventy-six percent of the mustard oil remains. How many quarts of mustard oil remain?

6. A serving of ice cream contains 6400 calories. 1600 calories come from fat. What percent of the total calories come from fat?

7. The chef has 80 pounds of strip loin. The trim loss on the strip loin is 55% and the cooking loss is 60% of the trimmed weight. How many pounds of trimmed, cooked strip loin will the chef have left to serve to his customers?

8. Calculate 55% of 900 kg?

9. Calculate 86% of 500cm?

10. Out of 6700 students of a school only 90% passed. Find how many students passed.