

Name: _____ Date : _____ 10: _____

INSTRUCTIONS:

- ✓ Observe the information in the chart carefully
- ✓ Solve the exercises in part 1 before proceeding to part 2

PART 1

Eggs	Cookies	Donnuts	Roses
			
1 dozen	1 dozen	1 dozen	1 dozen
12 eggs	12 cookies	12 donnuts	12 roses
Mass of the dozen or mass of one dozen (g / dozen)			
20g / dozen	15g / dozen	25g / dozen	10g / dozen

Based on the above information answer the following questions.

Write your answer on the line and show any math operation, wherever you are asked to do so.

Question		Answer
1.1	How many eggs are there in 3 dozen eggs?	
Procedure:		
1.2	How many roses are there in 3 dozen roses?	
1.3	How many donnuts are there in 2 dozen donnuts?	
1.4	What is the mass (grams) of 3 dozen eggs?	
Procedure:		
1.5	What is the mass (grams) of 3 dozen roses?	
1.6	How many cookies are there in 52.5g of cookies?	
Procedure:		

1.7 Your explanation

Why do 3 dozen eggs have a different mass than 3 dozen roses if both have the same number of units?

Explain your answer clearly (3 lines min – 70 words min)