**Composition of a Cookie Name: \_\_\_\_\_\_\_\_\_\_\_ Blk:\_\_\_**

Suppose that you want to determine the percentage of each ingredient in a cookie. How could you figure it out? Consider the following recipe:



 198 g flour

 270 g sugar

 810 g butter

 522 g m&ms

When you mix all these ingredients together, what % of the whole does each ingredient represent?

The above recipe makes *exactly* 30 cookies. Let’s assume they are all identical in composition, and each cookie weighs 60.0 grams. Determine the mass of each ingredient in one cookie.