**Chemistry A Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Pizza Business**

**Limiting Reactants Period\_\_\_\_\_\_\_\_**

You have decided to go into the pizza making business. Your business has purchased:

* 500 pizza pans
* 60 kg of sauce
* 100 kg of cheese
* 2.5 kg of basil
* 5 kg of yeast
* 25 L of water
* 200 kg of flour
* 2.5 kg of oregano

One pizza requires the following ingredients:

* 400g of flour
* 500ml of water
* 10g yeast
* 120 g of sauce
* 25 g of oregano
* 250 g of cheese
* 5 g of basil

Questions:

1. How many pizzas can be made?
2. If each pizza sells for $7.50, how much money would your firm gross?
3. Which of the ingredients is the limiting agent?
4. If you were able to get more of the limiting ingredient, what is the maximum number of pizzas

That could be made?