

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Integrated 2 Ch.6 Project

From Ryan Martine and Eric Harding

# BEAU JO'S Pizza

## Problem

50 POINTS – DUE \_\_\_\_\_

### Styles

Mountain Pie or Prairie Pie

**(Special)** THE FIVE POUNDER

A Mountain Pie with a Thick/Extra Thick Crust

### Weights

1 pounder 2 pounder 3 pounder

### Bread Flavors

Honey White

Whole Wheat

Cracked Wheat

(Option = Basted with Butter)

### Thickness

Extra Thin, Thin, Thick, Extra Thick

### Herbs

Italian Seasoning, Fresh Basil, and Cilantro

### Sauces

Beau Jo's Pizza Sauce, Fresh Roasted Garlic and Olive Oil, Basil Pesto, Garlic Cream Sauce, Barbeque Sauce, Fresh Salsa, Ranch Dressing, Green Chili, Marinara, and Ragin' Red Hot Sauce.

### Toppings

Pepperoni, Chicken Breast, Italian Sausage, Italian Chicken Breast, Andouille Sausage, Canadian Bacon, Hamburger, Salami, Meatballs, Bacon, Ham, Pulled Pork, Red Hot Chicken, Anchovies, Mushrooms, Scallions, Green Peppers, Tofu, Roasted Red Peppers, Spinach, Sweet Red Onions, Artichoke Hearts, Black Olives, Jalapeño Peppers, Green Olives, Roma Tomato, Pepperoncini, Broccoli, Giardiniera Peppers, Sun-Dried Tomato, Pineapple, Hatch Green Chilies, and Diced Tomatoes.

### Cheeses

Whole Milk Mozzarella, Low Cholesterol Mozzarella, Fontina-Provolone, Monterey Jack, Provolone, Cheddar, Feta, Ricotta, and Swiss.

Your task: Find the number of pizzas that can be ordered with the following restrictions:

1. All (10pts)
2. 0 to 5 Toppings (5pts)
3. 1 to 4 Cheeses (5pts)
4. One Sauce (5pts)
5. One Style (5pts)
6. One Weight (5pts)
7. One Bread Flavor (5pts)
8. One Bread Thickness (5pts)

(5pts for Neatness)

You must show all work to arrive at your answers.

Do not write your answers in scientific notation.

You will have to use a computer to calculate many of these values.

(The TI Graphing Calculators might not have enough Memory!!!)