

## THE STORY

Luigi's Logical Pizzeria served five different sized pizzas: small, medium, large, extra-large and gigantic. They featured four different toppings or plain cheese pizza. One night, five people named Ben, Bob, Bel, Bonnie and Brenda called to order pizzas for takeout. Each ordered a different size and a different topping or plain. They called for their pizzas 1st, 2nd, 3rd, 4th and 5th. Based on the clues, match the callers with the size of pizza they ordered, the toppings they wanted, and the order in which they called.

## THE CLUES

1. Bob did not call 1st or 5th as those callers ordered either a small or a gigantic pizza with either sausage or mushrooms on them, and Bob did not like sausage or mushrooms.
2. Brenda called before Bel, and Ben called after Bob but before Brenda.
3. The extra-large was ordered after the large and neither of those pizzas had onions on them. The medium pizza was ordered immediately after the gigantic mushroom pizza was ordered.
4. Ben ordered a pizza with a topping on it.

Ben	Bob	Bel	Bonnie	Brenda
small	small	small	small	small
medium	medium	medium	medium	medium
large	large	large	large	large
extra-large	extra-large	extra-large	extra-large	extra-large
gigantic	gigantic	gigantic	gigantic	gigantic
plain	plain	plain	plain	plain
mushroom	mushroom	mushroom	mushroom	mushroom
sausage	sausage	sausage	sausage	sausage
pepperoni	pepperoni	pepperoni	pepperoni	pepperoni
onion	onion	onion	onion	onion
1st	1st	1st	1st	1st
2nd	2nd	2nd	2nd	2nd
3rd	3rd	3rd	3rd	3rd
4th	4th	4th	4th	4th
5th	5th	5th	5th	5th

**THE STORY**

On Wednesday, Benny Bennett went to Logical Louie's Café for lunch. Logical Louie's menu was never right. He just used it as a basis for his logic problems. Based on Louie's clues, your assignment is to figure out the real menu.

**THE CLUES**

1. Logical Louie went to Benny and said, "All of the items of the menu are wrong in a different way. Today's main dish special was served yesterday, and tomorrow's main dish special will be the main dish special for the day after tomorrow, and yesterday's main dish special was served the day before yesterday, and tomorrow's main dish special will be what used to be the special on the day before yesterday."
2. Logical Louie said, "The beverages as listed are all wrong, too. Today's beverage is now served the day after tomorrow, the day before yesterday's beverage is served tomorrow, yesterday's beverage is, of course, served one day earlier, and tomorrow's beverage has been moved to yesterday."
3. Logical Louie said, "The desserts, as listed, are all wrong too. I now serve the day after tomorrow's dessert on the day before yesterday, and today's dessert is now served the day after tomorrow. I have moved tomorrow's dessert to yesterday and yesterday's dessert is now served tomorrow."
4. Benny, who wanted Friday's old main dish, Monday's old beverage, and Wednesday's old dessert said, "I'll have a Wednesday, Thursday, Friday."

	Main Dish	Beverage	Dessert
Monday	Roast Beef	Coffee	Apple Pie
Tuesday	Chicken	Iced Tea	Cherry Pie
Wednesday	Meat Loaf	Milk	Peach Pie
Thursday	Ham	Cola	Ice Cream
Friday	Fried Perch	Lemonade	Pudding

Monday	Tuesday	Wednesday	Thursday	Friday
roast beef	roast beef	roast beef	roast beef	roast beef
chicken	chicken	chicken	chicken	chicken
meat loaf	meat loaf	meat loaf	meat loaf	meat loaf
ham	ham	ham	ham	ham
perch	perch	perch	perch	perch
coffee	coffee	coffee	coffee	coffee
tea	tea	tea	tea	tea
milk	milk	milk	milk	milk
cola	cola	cola	cola	cola
lemonade	lemonade	lemonade	lemonade	lemonade
apple pie	apple pie	apple pie	apple pie	apple pie
cherry pie	cherry pie	cherry pie	cherry pie	cherry pie
peach pie	peach pie	peach pie	peach pie	peach pie
ice cream	ice cream	ice cream	ice cream	ice cream
pudding	pudding	pudding	pudding	pudding