



# Logic Problems

Puzzles  
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August, 2010

Print 'n' Play Text

and Table of Results

## Chips to Go

by Shelly Hazard



Sam works in a convenience store off the highway on weeknights. Generally, Tuesday nights are pretty slow and Sam has plenty of time to read. Tonight however, he'd had a steady flow of customers since his shift started four hours ago. He suddenly realized that his last five customers had been a bit odd too.

Usually, he got lots of people stopping for coffee or some other drink while they were on the road. Some would get munchies to go with the drinks. Locals would stop by for the paper or lottery tickets. His last five customers had all bought one drink and one bag of chips. The strange part was that each had bought a different drink but the same type of chips... but each also had a different flavor of the chips. Thinking back, he also realized that each had driven a different type of car in a different color. Knowing how common black, red, and white cars are, that in itself was very odd. Shaking his head, he shrugged and picked up his book again. Maybe this time he'd get more than a few minutes to read... Determine the color (one was green) and type of each car (one was a Chevrolet) used by Sam's last five customers, the kind of drink each bought, and the flavor of chips each bought.

1. The guy in the yellow Toyota didn't buy the sour cream & onion chips. The lady who bought the Dr. Pepper drove a black car.
2. The woman who bought the salt & vinegar chips drove a blue car. The Mercedes driver didn't get the ginger ale.
3. The one who bought the Pepsi didn't drive a Toyota but she did buy the barbecue chips.
4. The one who bought the ginger ale didn't drive a red Lexus.
5. The one who drove the Saturn, which wasn't blue, bought a can of Crush but not the plain chips.
6. The guy who bought the Coke also bought ranch chips.

Car Color	Car Type	Drink	Chip Flavor



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	Chevrolet	Lexus	Mercedes	Saturn	Toyota	Coke	Crush	Dr. Pepper	ginger ale	Pepsi	barbecue	plain	ranch	salt & vinegar	sour cream & onion
Black															
Blue															
Green															
Red															
Yellow															
barbecue															
plain															
ranch															
salt & vinegar															
sour cream & onion															
Coke															
Crush															
Dr. Pepper															
ginger ale															
Pepsi															