

1. PROM DRESSES

Five friends, whose names are Gail, Margery, Nora, Pamela, and Ramona, each wore a different colored dress to the senior prom. The colors of the dresses were blue, green, orange, pink, and yellow. In alphabetical order, the last names of the five girls are Clausen, Jensen, Mathers, Oblinski, and Smith. From the information given, determine the first and last name of each girl as well as the color of the dress that each one wore to the senior prom.



1. The girl who wore a blue dress and Ms. Mathers do not have the first name of Margery or Ramona.
2. Either Ms. Oblinski or Ms. Smith, who wore an orange dress, is named Pamela.
3. Margery is not Ms. Smith and she did not wear a pink dress.
4. Nora, Pamela, and Ms. Clausen did not wear a blue or orange dress.
5. Of Gail and Pamela, one is Ms. Jensen and one wore a green dress.

	CLAUSEN	JENSEN	MATHERS	OBLINSKI	SMITH	BLUE	GREEN	ORANGE	PINK	YELLOW
GAIL										
MARGERY										
NORA										
PAMELA										
RAMONA										
BLUE										
GREEN										
ORANGE										
PINK										
YELLOW										



2. DOUBLE GIFTS

Five women went shopping together to get birthday presents for a mutual friend. Their names are Nancy, Olivia, Rita, Sally, and Vivian. The five gifts that they bought for their friend are: gloves, a necklace, a sweater, a wallet, and a watch. While shopping each woman bought one of the same gifts for herself. From the information given, determine the gift that each woman bought for her friend as well as the gift that each one bought for herself.



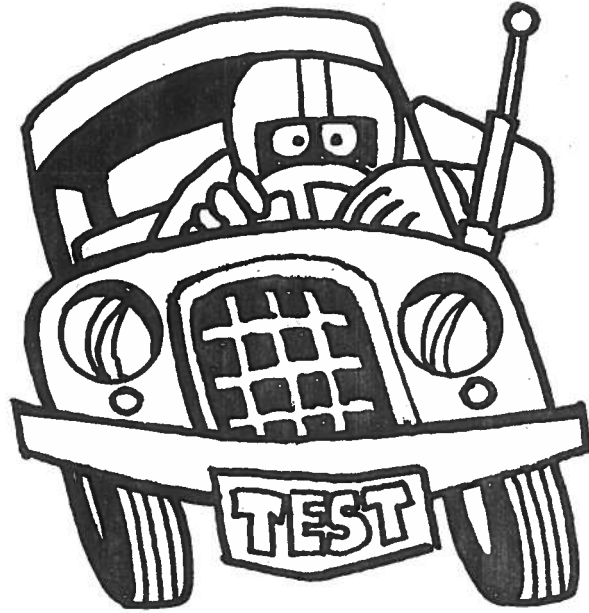
1. Nancy and Rita did not buy a sweater or a wallet.
2. Vivian bought a necklace for herself and the woman who bought the same gift for her friend is not Rita.
3. Sally bought for herself the same thing that Olivia bought for her friend.
4. Vivian and Rita bought watches.
5. Sally did not buy a sweater for herself.

		FOR SELF					FOR FRIEND				
		GLOVES	NECKLACE	SWEATER	WALLET	WATCH	GLOVES	NECKLACE	SWEATER	WALLET	WATCH
NANCY											
OLIVIA											
RITA											
SALLY											
VIVIAN											
FOR FRIEND	GLOVES										
	NECKLACE										
	SWEATER										
	WALLET										
	WATCH										



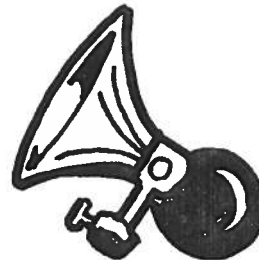
3. TEST CARS' MPG'S

The miles-per-gallon ratings on a single model of a car may vary for many reasons, including the test driver and other factors. A new model line of popular car called the Zinx, during tests, produced mpg's of 32, 31, 30, 29, and 28. Each car was a different one of these five colors: blue, green, red, white, and yellow. Each car was driven by a different one of these five drivers: Cox, Durham, Gosling, Heynek, and Wollinsky. From the information given, determine the color and driver of each car, as well as the mpg attained by each one.



1. The driver named Durham got more mpg's than the green car but not as many as the red car.
2. The blue car got better mpg's than the car driven by Wollinsky.
3. Cox did not drive the green or red car.
4. The yellow car got more mpg's than the car driven by Gosling but not as many as the green car.

	BLUE	GREEN	RED	WHITE	YELLOW	COX	DURHAM	GOSLING	HEYNEK	WOLLINSKY
32 MPG										
31 MPG										
30 MPG										
29 MPG										
28 MPG										
COX										
DURHAM										
GOSLING										
HEYNEK										
WOLLINSKY										



4. BANK EMPLOYEES

Sometimes people are perfect for their jobs. In the case of five employees of the Tinyboro bank this is very much the case. The five employees are named Cash, Coyne, El Grande, Finn, and Nicholson. In alphabetical order their names are Bill, Buck, Nick, Penny, and Senta. The positions that they hold at the bank are as a head teller, an officer, the president, a security guard, and a teller. From the information given, determine the first and last name of each employee and the position each holds at the bank.



1. The president is a man but neither he nor Buck has the last name of El Grande, Finn, or Nicholson.
2. Senta's last name is not Finn, and neither she nor Finn is the security guard.
3. The two tellers are not the same sex but one is named Nicholson and one is named Coyne.
4. Nick, Buck, and Mr. Cash are not the regular teller.
5. Neither Penny nor Mr. El Grande is the president.

	BILL	BUCK	NICK	PENNY	SENTA	CASH	COYNE	EL GRANDE	FINN	NICHOLSON
HEAD TELLER										
OFFICER										
PRESIDENT										
SEC. GUARD										
TELLER										
CASH										
COYNE										
EL GRANDE										
FINN										
NICHOLSON										



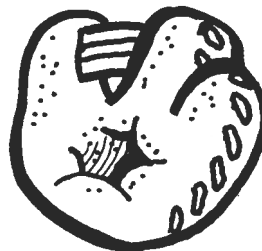
5. BASEBALL-HITTING CONTEST

In a baseball-hitting contest at the office picnic, five men participated named: Biff, Carl, Fred, Marty, and Tom. Their last names, in alphabetical order, are Jenkins, Keech, MacNab, Miller, and Winslow. The distances that each man hit the ball in feet are 325, 300, 275, 250, and 200. From the information given, determine the first and last name of each man, as well as how far each one hit the baseball.



1. Mr. Miller didn't hit the ball as far as Biff, but he hit one farther than Tom.
2. Carl hit the ball farther than Marty, but not the farthest.
3. Fred hit a ball farther than Mr. MacNab but not as far as Mr. Keech, who didn't hit the ball the farthest.
4. Tom hit a ball farther than Mr. Winslow, whose first name is not Marty.

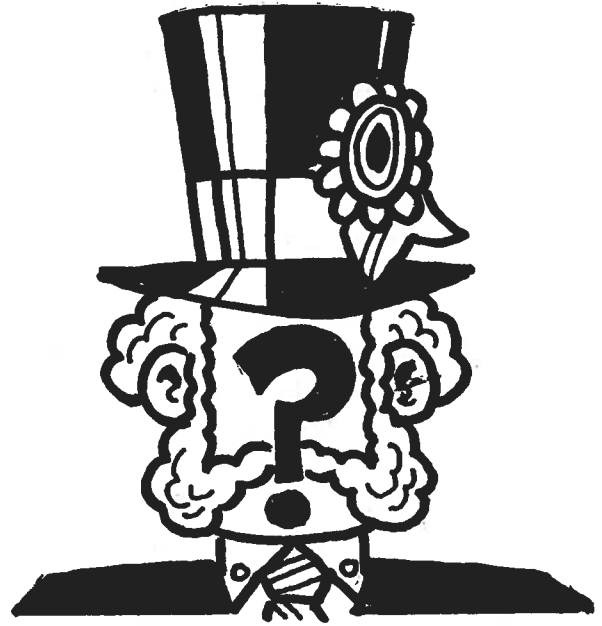
	BIFF	CARL	FRED	MARTY	TOM	JENKINS	KEECH	MAC NAB	MILLER	WINSLOW
325										
300										
275										
250										
200										
JENKINS										
KEECH										
MAC NAB										
MILLER										
WINSLOW										



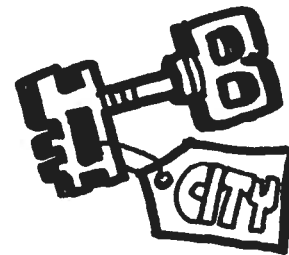
6. CANDIDATES

The five candidates for mayor in the town of Smallville were members of these five parties: Conservative, Democrat, Independent, Liberal, and Republican. Their names are Goshen, Hargreaves, Jensen, Liebowitz, and Nelson. From the information given, determine not only the party to which each of the candidates belong, but also the order of finish in the election.

1. The Democrat and the Independent, in no particular order, were the first- and fifth-place vote-getters, but neither one is named Hargreaves or Jensen.
2. Nelson did better than Liebowitz but not as well as the Republican.
3. Goshen is not an Independent candidate.
4. The Liberal did better than Jensen but not as well as Hargreaves.



	CONSERVATIVE	DEMOCRAT	INDEPENDENT	LIBERAL	REPUBLICAN	GOSHEN	HARGREAVES	JENSEN	LIEBOWITZ	NELSON
FIRST										
SECOND										
THIRD										
FOURTH										
FIFTH										
GOSHEN										
HARGREAVES										
JENSEN										
LIEBOWITZ										
NELSON										



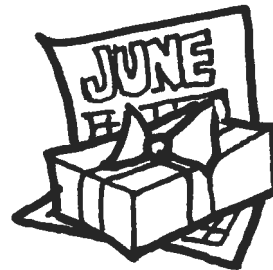
7. BIRTHDAYS IN JUNE

All of Ms. Johnson's children were born in June. Their birthdays are June 1, June 7, June 12, June 20, and June 29. There are three girls named Mary, Elvira, and Joan, and there are two boys named Douglas and Timothy. Ms. Johnson bought these five presents for them: a book, a coat, concert tickets, a dress, and an electronic game. From the information given, determine the birthday and present received by each child.



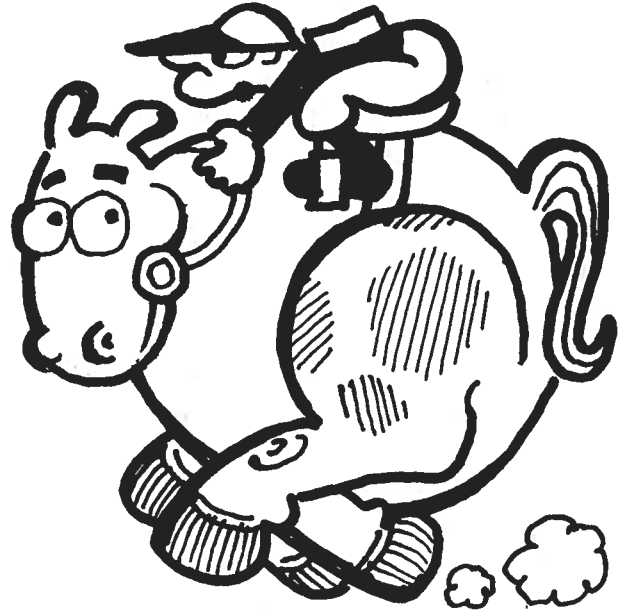
1. Timothy's birthday comes before that of the girl who received a dress but after the girl who received a coat.
2. Douglas's birthday comes before Elvira's birthday but after the birthday of the girl who received an electronic game.
3. Elvira did not receive the dress and neither did Joan.
4. Douglas did not get a book as a present.

	DOUGLAS	ELVIRA	JOAN	MARY	TIMOTHY	BOOK	COAT	CONCERT TIX	DRESS	ELEC. GAME
JUNE 1										
JUNE 7										
JUNE 12										
JUNE 20										
JUNE 29										
BOOK										
COAT										
CONCERT TIX										
DRESS										
ELEC. GAME										



8. WIN, PLACE, AND SHOW PLUS TWO

In the big race at the Horseheads' racetrack the top five finishers were Full Sweep, Nightshade, Quartermain, Top Drawer, and Whirlaway. In alphabetical order, they were ridden by Alvarez, Hernandez, Perez, Pickman, and Wilson. From the information given, determine the order of finish of the race and the name of the jockey who rode each of the five horses.



1. Of Whirlaway and Quartermain, one finished first and one was ridden by Alvarez.
2. Pickman finished ahead of Perez but after Whirlaway, who did not win top money.
3. Full Sweep did not finish third.
4. Top Drawer finished ahead of Nightshade but after Wilson, who did not ride the winning horse.

	FULL SWEEP	NIGHTSHADE	QUARTERMAIN	TOP DRAWER	WHIRLAWAY	ALVAREZ	HERNANDEZ	PEREZ	PICKMAN	WILSON
FIRST										
SECOND										
THIRD										
FOURTH										
FIFTH										
ALVAREZ										
HERNANDEZ										
PEREZ										
PICKMAN										
WILSON										



9. B-BALL PLAYERS

Bill, Ernie, Oscar, Sammy, and Tony are the five basketball players on the starting team of the varsity squad. Each one is known by a different one of these five nicknames: Slats, Stretch, Tiny, Tower, and Tree. From the information given, determine the nickname of each player as well as each of their heights, whether 6'6", 6'5", 6'3", 6'1", or 6' tall.



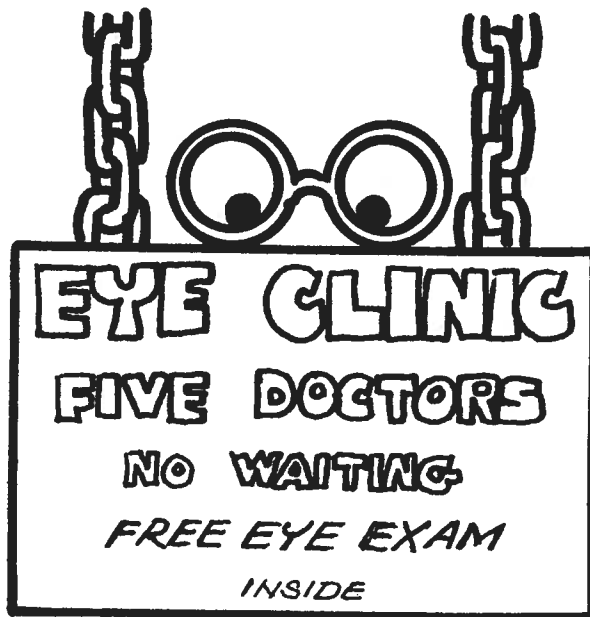
1. Oscar is taller than Tree who is taller than Tony.
2. Bill is taller than Sammy but shorter than Slats.
3. Tony's nickname is not Tiny.
4. Stretch is taller than Oscar but not the tallest.

	SLATS	STRETCH	TINY	TOWER	TREE	BILL	ERNIE	OSCAR	SAMMY	TONY
6'6"										
6'5"										
6'3"										
6'1"										
6'										
BILL										
ERNIE										
OSCAR										
SAMMY										
TONY										



10. EYE DOCTORS

Five eye doctors named Harlon, Harry, Henry, Herbert, and Horace operate an eye clinic. They each have one of these five unusual names: Eismann, Frayme, Glassman, Lenz, and Rimbaud. They each wear a different type of glasses from among these five: bifocals, contact lenses, reading glasses, regular glasses, and tinted lenses. From the information given, determine the first and last name of each man as well as the type of glasses worn.



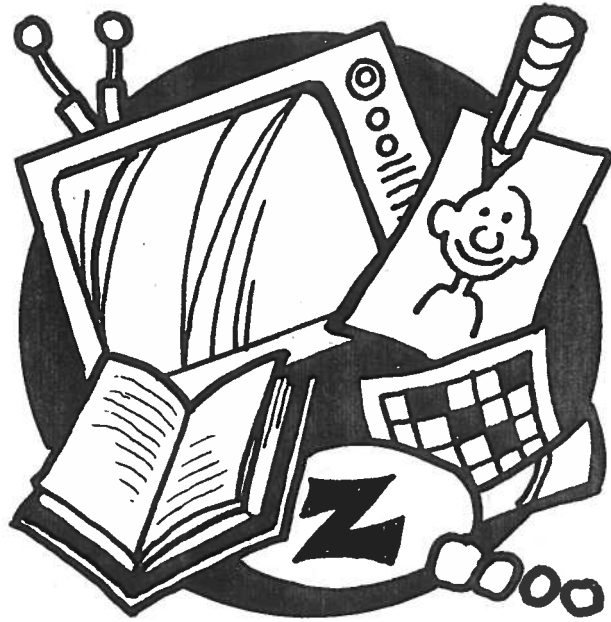
1. Harry is not Mr. Glassman and he doesn't wear reading glasses.
2. Henry, Herbert, and Mr. Lenz do not wear bifocals or regular glasses.
3. Of Harlon and Herbert, one is named Eismann and one wears tinted lenses.
4. The man who wears bifocals and Mr. Rimbaud are not named Harry or Horace.
5. Either Mr. Frayme or Mr. Glassman, who wears regular glasses, is named Herbert.

	EISMANN	FRAYME	GLASSMAN	LENZ	RIMBAUD	BIFOCALS	CONTACTS	READING	REGULAR	TINTED
HARLON										
HARRY										
HENRY										
HERBERT										
HORACE										
BIFOCALS										
CONTACTS										
READ. GLASSES										
REG. GLASSES										
TINTED LENSES										



11. WHERE ARE THE KIDS AT 11 P.M.?

The Johnson kids are each upstairs in their bedrooms at 11 P.M. However, each one is doing something different, either doing crossword puzzles, drawing, reading, sleeping, or watching TV. The five kids are three boys named Albert, Daniel, and Ryan, and two girls named Cathy and Grace. They range in age from 14 to 18 years old. From the information given, determine each child's age and what he or she is doing at 11 P.M.



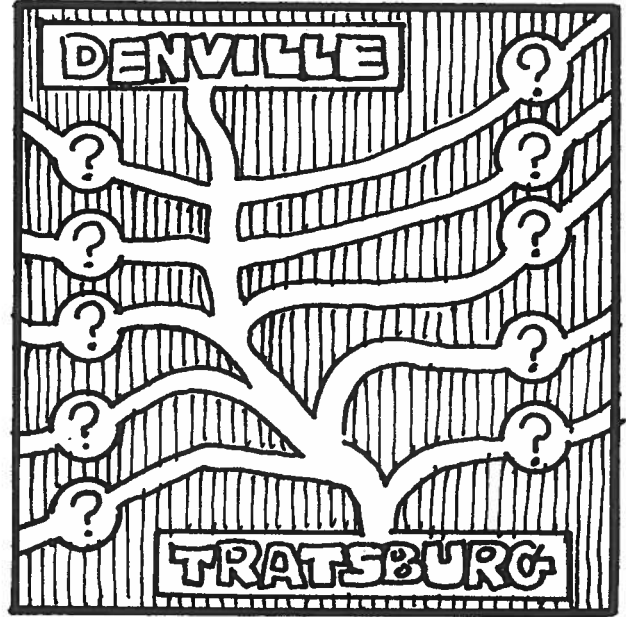
1. The eldest, a daughter, is not watching TV, or sleeping.
2. Grace is not reading or watching TV.
3. The child who is drawing is older than Grace but younger than Daniel.
4. The child who is reading is younger than Ryan but older than Albert.

	ALBERT	CATHY	DANIEL	GRACE	RYAN	CROSSWORDS	DRAWING	READING	SLEEPING	T.V.
18										
17										
16										
15										
14										
CROSSWORDS										
DRAWING										
READING										
SLEEPING										
T.V.										



12. FORKS IN THE ROAD

There are five forks in the road from Tratsburg to Denville. Turning left at each of these five forks will lead to one of these five towns: Asterly, Hornton, Seattle, Teasdale, and Thornberry. Turning right at each of the five forks will lead to one of these five towns: Estwater, Houston, Stewartville, Tewsbury, and Thousand Oaks. From the information given, determine the left and right turning at each fork in the road, as well as the order that a traveler would come upon the five forks heading from Tratsburg to Denville.



1. The fork in the road to Houston comes earlier than the one to Tewsbury but later than the ones to Teasdale or Thornberry, but neither of these two is a turning at the first fork in the road.
2. There is not a fork with roads to Stewartville and Asterly.
3. The fork with a road to Thousand Oaks comes before the one to Teasdale, but after the one to Stewartville.
4. The fork to Hornton is not at the same place as the one to Stewartville or Tewsbury.

	ASTERLY	HORNTON	SEATTLE	TEASDALE	THORNBERRY	ESTWATER	HOUSTON	STEWARTVILLE	TEWSBURY	THOUS. OAKS
FIRST										
SECOND										
THIRD										
FOURTH										
FIFTH										
ESTWATER										
HOUSTON										
STEWARTVILLE										
TEWSBURY										
THOUS. OAKS										



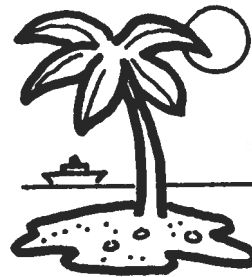
13. WINTER VACATIONS

Lucky Duckworth and his wife took five vacations last winter, one in each of the months of November, December, January, February, and March. Each vacation was for a different length of time, either two weeks, one week, five days, four days, or three days. They went to these five places: Bermuda, Hawaii, Jamaica, Puerto Rico, and Tahiti. From the information given, determine where they went on vacation each month and how long they stayed.



1. Their two longest vacations were in the Pacific but neither of these two longest vacations was in November or March.
2. They did not go to Puerto Rico for four days.
3. They went on a five-day vacation before going to Bermuda but after going to Puerto Rico.
4. The January vacation was longer and after the Tahitian vacation but before their vacation to Jamaica.

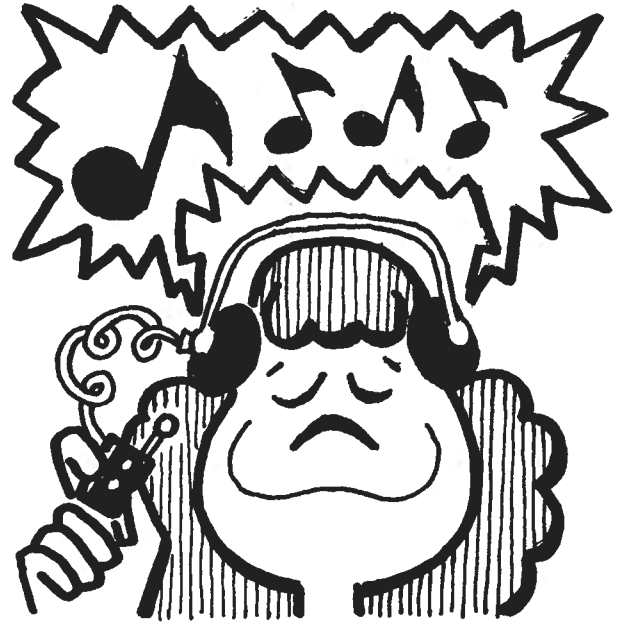
	TWO WEEKS	ONE WEEK	FIVE DAYS	FOUR DAYS	THREE DAYS	BERMUDA	HAWAII	JAMAICA	PUERTO RICO	TAHITI
NOVEMBER										
DECEMBER										
JANUARY										
FEBRUARY										
MARCH										
BERMUDA										
HAWAII										
JAMAICA										
PUERTO RICO										
TAHITI										



14. TOP LOCAL STATIONS

The five top local radio stations in the town of Medio are WIGT, WKCK, WLTR, WTBG, and WWZZ. Each station plays a different one of these five types of music: classical, country, jazz, muzak, and rock. From the information given, determine the type of music played on each station as well as its ranking in popularity from one to five.

1. WKCK ranked higher than the jazz station but lower than the station that plays muzak.
2. WTBG does not play rock or classical music.
3. The classical station ranked lower than WLTR.
4. WTBG ranked higher than the station that plays muzak but lower than WWZZ.



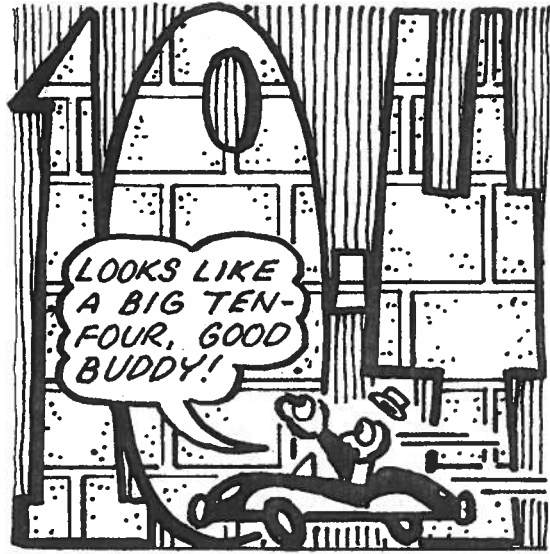
	WIGT	WKCK	WLTR	WTBG	WWZZ	CLASSICAL	COUNTRY	JAZZ	MUZAK	ROCK
1										
2										
3										
4										
5										
CLASSICAL										
COUNTRY										
JAZZ										
MUZAK										
ROCK										



15. CB'ERS

The "handles" of five CB'ers are All 'Round Guy, Big Daddy, Hot Wheels, Lightning, and Shifty. In alphabetical order their real names are Al, Gus, Herb, Ken, and Pete. They are each a different one of these five occupations: delivery man, realtor, repairman, salesman, and trucker. From the information given, determine each man's "handle" and occupation.

1. The salesman is not Pete or Ken and neither of these three is called Shifty.
2. The realtor is not named Al or Pete and neither of these three goes by the "handle" of All 'Round Guy or Shifty.
3. Big Daddy is not the "handle" of Pete or the realtor.
4. Of Ken and Herb, one is the trucker and one is named Hot Wheels.
5. Of the salesman and the repairman, one is Gus and one goes by the "handle" of Lightning.



	AL	GUS	HERB	KEN	PETE	DELIVERY MAN	REALTOR	REPAIRMAN	SALESMAN	TRUCKER
GUY										
BIG DADDY										
HOT WHEELS										
LIGHTNING										
SHIFTY										
DELIVERY MAN										
REALTOR										
REPAIRMAN										
SALESMAN										
TRUCKER										



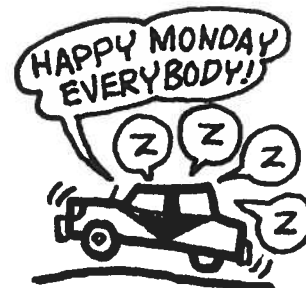
16. CAR POOL

Three men named Greene, Grey, and Tann, along with two women named Browne and Whyte, each drive the car in their car pool on a different one of the five weekdays each week. Each person's car is a different one of these five colors: brown, gray, green, tan, and white. From the information given, determine the day on which each person drives, as well as the color of his or her car.



1. The color of no person's car is similar to his or her name.
2. They ride in the green car earlier in the week than in the tan car but later than in the gray car.
3. The woman who drives the brown car drives later in the week than Mr. Greene but earlier than Mr. Grey, who is not the man who drives on Friday.
4. The man who drives the tan car drives earlier in the week than the man who drives the white car but later than Ms. Browne, who does not drive on Monday.
5. Ms. Browne does not drive on Tuesday.

	MR. GREENE	MR. GREY	MR. TANN	MS. BROWNE	MS. WHYTE	BROWN	GRAY	GREEN	TAN	WHITE
MONDAY										
TUESDAY										
WEDNESDAY										
THURSDAY										
FRIDAY										
BROWN										
GRAY										
GREEN										
TAN										
WHITE										



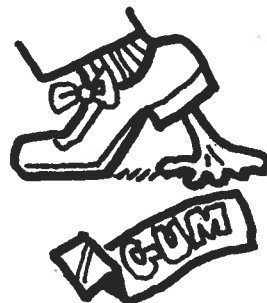
17. BAY AREA MYSTERIES

Sam Chovell is a private detective working in the Bay Area. One month he helped the police to solve five mysteries. The crimes involved were arson, embezzlement, kidnapping, murder, and robbery. Each of the crimes occurred in a different one of these five cities: Berkeley, Oakland, Palo Alto, San Francisco, and San Jose. The primary clue that he used to solve the crime was different in each case, either an eyewitness, fingerprints, a letter, a phone tip, or a tire track. From the information given, determine the location of each type of crime as well as the type of clue that cracked each case.



1. In no particular order, the mysteries solved in Berkeley, Oakland, and Palo Alto were arson, embezzlement, and the one solved by the evidence of an eyewitness.
2. The tire track and the phone tip were not the clues that solved the crimes of embezzlement or murder.
3. The murder, the kidnapping, and the crime solved by the clue in a letter did not occur in San Jose or Palo Alto.
4. The crime solved by a tire-track clue, the kidnapping, and the robbery did not occur in San Francisco.
5. The crime in Berkeley was not solved by a clue found in a letter.

	ARSON	EMBEZZLE	KIDNAPPING	MURDER	ROBBERY	EYEWITNESS	FINGERPRINTS	LETTER	PHONE TIP	TIRE TRACK
BERKELEY										
OAKLAND										
PALO ALTO										
SAN FRAN.										
SAN JOSE										
EYEWITNESS										
FINGERPRINTS										
LETTER										
PHONE TIP										
TIRE TRACK										



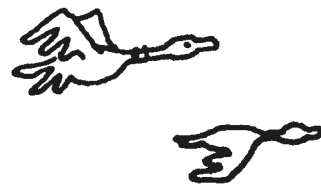
18. COMMUTERS

Five employees at the Wild Fowl Publishing Company each come to work by a different one of these five means: bus, car, railroad, subway, and walking. They hold these five positions at the company: art director, editor, publisher, receptionist, and secretary. Two of them are men named Finch and Marten, while three of them are women named Fulmer, Gannet, and Hawk. From the information given, determine the position held by each person as well as the means by which each one gets to work each day.



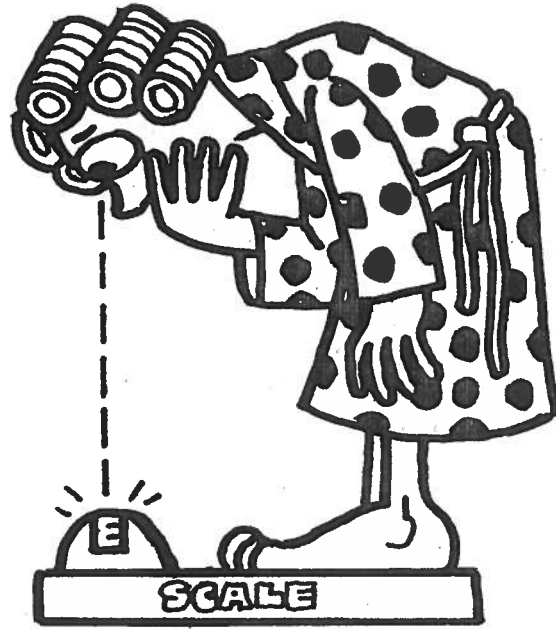
1. Neither of the men walk to work but one is the art director and the other is not the publisher or secretary.
2. The publisher is not named Hawk or Fulmer and none of these three takes the railroad or a car.
3. Mr. Finch does not come by railroad and he is not the editor.
4. The female receptionist is not named Fulmer and neither of these two walks to work.
5. The secretary does not take the bus to work.

	BUS	CAR	RAILROAD	SUBWAY	WALK	ART DIRECTOR	EDITOR	PUBLISHER	RECEPTIONIST	SECRETARY
MR. FINCH										
MR. MARTEN										
MS. FULMER										
MS. GANNET										
MS. HAWK										
ART DIRECTOR										
EDITOR										
PUBLISHER										
RECEPTIONIST										
SECRETARY										



19. POPULAR NEW SECRETARY

A popular new secretary at the law firm of Farnsworth, Newman, O'Malley, Price, and Reynolds, is taken to lunch by a different one of those five men on each of the five days of her first week on the job. Each man took her to eat a different one of these five types of food: Chinese, French, Greek, Indian, and Mexican. From the information given, determine whom she went to lunch with on each day and the type of food that they had.



1. Neither Mr. Newman nor Mr. Reynolds took her to lunch on Thursday or Friday but one took her for Chinese food and the one who took her to lunch earlier than the other took her for Greek food.
2. She went for a Mexican food lunch before her Indian food lunch but after her lunch with Mr. Price.
3. She had lunch with Mr. Farnsworth before her lunch with Mr. O'Malley but after the lunch when she had French food, which was not on Monday.
4. She had lunch with Mr. Newman later in the week than the lunch when she had French food.

	FARNSWORTH	NEWMAN	O'MALLEY	PRICE	REYNOLDS	CHINESE	FRENCH	GREEK	INDIAN	MEXICAN
MONDAY										
TUESDAY										
WEDNESDAY										
THURSDAY										
FRIDAY										
CHINESE										
FRENCH										
GREEK										
INDIAN										
MEXICAN										



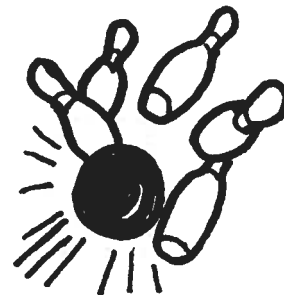
20. BOWLING TEAM AVERAGES

The averages of the five men on the Brewery bowling team are 220, 211, 201, 198, and 195. The men are named Dennis, Harmon, Ivan, Jerry, and Willie. In alphabetical order their last names are: Boyce, Cardel, Dugon, Plotsky, and Sutain. From the information given, determine each man's first and last name as well as his bowling average.

1. Of Harmon and Mr. Plotsky, one has the highest average and one has the lowest average.
2. Jerry's average is lower than that of Mr. Sutain but not the lowest.
3. Harmon is not Mr. Boyce.
4. Mr. Dugon is not named Willie but his average is higher than Mr. Sutain's and lower than Ivan's average.



	DENNIS	HARMON	IVAN	JERRY	WILLIE	BOYCE	CARDEL	DUGON	PLOTSKY	SUTAIN
220										
211										
201										
198										
195										
BOYCE										
CARDEL										
DUGON										
PLOTSKY										
SUTAIN										



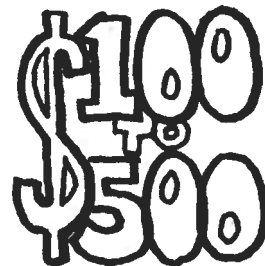
21. ANTIQUE SHOPPING

Five women friends went antique shopping together in the old section of town. Their names are Addison, Comisky, Evans, Simmons, and Wallis. They each bought a different one of these five items: chair, desk, lamp, stool, and vase. The items ranged in price from \$100.00 to \$500.00. From the information given, determine the object bought by each woman as well as its price.



1. The chair cost less than what Ms. Addison bought but more than what Ms. Wallis bought.
2. The item bought by Ms. Simmons cost more than the item bought by Ms. Evans but less than the lamp.
3. Ms. Comisky bought something that cost more than the lamp but it was not the desk.
4. The vase cost less than the desk but more than the stool.

	ADDISON	COMISKY	EVANS	SIMMONS	WALLIS	CHAIR	DESK	LAMP	STOOL	VASE
\$500.00										
\$400.00										
\$300.00										
\$200.00										
\$100.00										
CHAIR										
DESK										
LAMP										
STOOL										
VASE										



22. SISTER CITIES

The five cities of Appleboro, Bellville, Cherryvale, Keystown, and Peachburg have each adopted a sister city abroad. Those five cities are Abbemount, Corley, Monmouth, Newton, and Poulson. Each city is located in a different one of these five foreign countries: Australia, Canada, Great Britain, New Zealand, and South Africa. From the information given, determine the name and country location of the sister city of each of the five American towns.



1. Of Corley and Monmouth, one is in New Zealand and one is in Australia but neither one is the sister city of Appleboro, Bellville, or Peachburg.
2. Newton is not in Great Britain.
3. Of Appleboro and Keystown, one is the sister city of a city in Canada and one is the sister city of the city of Monmouth.
4. The sister city of Bellville, the sister city of Cherryvale, and Poulson are not in either New Zealand or South Africa.

	ABBEMOUNT	CORLEY	MONMOUTH	NEWTON	POULSON	AUSTRALIA	CANADA	GREAT BRITAIN	NEW ZEALAND	SOUTH AFRICA
APPLEBORO										
BELLVILLE										
CHERRYVALE										
KEYSTOWN										
PEACHBURG										
AUSTRALIA										
CANADA										
GREAT BRITAIN										
NEW ZEALAND										
SOUTH AFRICA										



23. WHERE ARE THEY NOW?

Five college friends got together for the wedding of an old, mutual friend. Their current occupations are artist, banker, diplomat, florist, and lawyer. Each one currently resides in a different one of these five cities: Cairo (Egypt), Los Angeles, Paris (France), Philadelphia, and Zurich (Switzerland). The two men are named Silver and White, while the three women are named Black, Brown, and Green. From the information given, determine the current occupation and place of residence of each of the five friends.



1. Ms. Black does not live in Cairo and she is not the woman artist.
2. Ms. Brown and the diplomat live outside of the U.S. but not in Zurich.
3. The five friends are: Ms. Black, Mr. White, the lawyer (who lives in the U.S.), the woman who lives in Paris, and the man who lives in L.A.
4. Mr. Silver is not the banker.

	ARTIST	BANKER	DIPLOMAT	FLORIST	LAWYER	CAIRO	LOS ANGELES	PARIS	PHILADELPHIA	ZURICH
MR. SILVER										
MR. WHITE										
MS. BLACK										
MS. BROWN										
MS. GREEN										
CAIRO										
LOS ANGELES										
PARIS										
PHILADELPHIA										
ZURICH										



24. VIDEO WIZARD

John (Joystick) Jones spends a great deal of his time in the arcades playing his five favorite video games: Hot Rod Racer, Mazerama, Pool Shark, Robot Blaster, and Space Wars. One time he played each of the five games once and achieved these scores: 250,000, 200,000, 150,000, 100,000, and 50,000 points. From the information given, determine the order in which he played the five games and the scores achieved on each one.



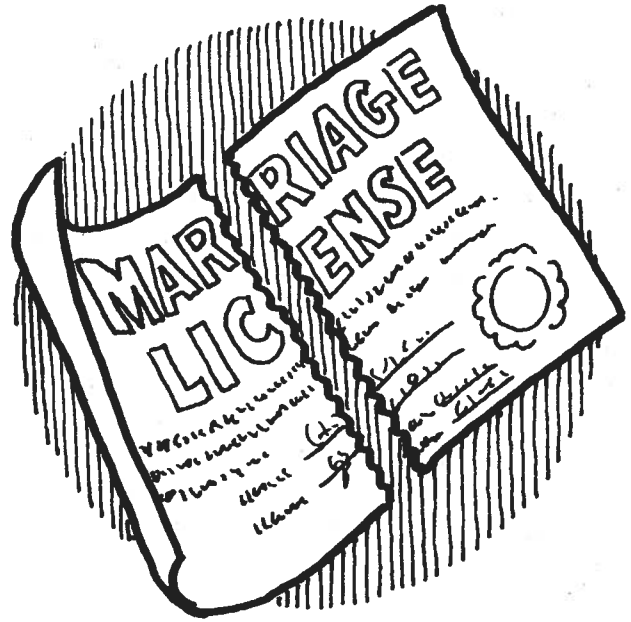
1. His first game, his last game, and Space Wars were not the games on which he got his highest or lowest scores.
2. He got a higher score on Robot Blaster than on Pool Shark but a lower score than on Space Wars.
3. He played Hot Rod Racer later than his highest scoring game but earlier than his second-highest scoring game.
4. He played Mazerama later than Robot Blaster but earlier than Pool Shark; one of these was his highest scoring game but neither of the other two was his lowest scoring game.

	250,000	200,000	150,000	100,000	50,000	HOT ROD	MAZERAMA	POOL SHARK	BLASTER	SPACE WARS
FIRST										
SECOND										
THIRD										
FOURTH										
FIFTH										
HOT ROD										
MAZERAMA										
POOL SHARK										
BLASTER										
SPACE WARS										



25. DIVORCE

The marriages of five brothers ended in divorce after various numbers of years married. The five brothers are named James, Jeremy, John, Joseph, and Justin. Their five wives are named Bertrice, Loreen, Luanne, Maybelle, and Rosette. From the information given, determine the name of each brother's wife as well as the number of years that each was married. All five couples were married on the same day.



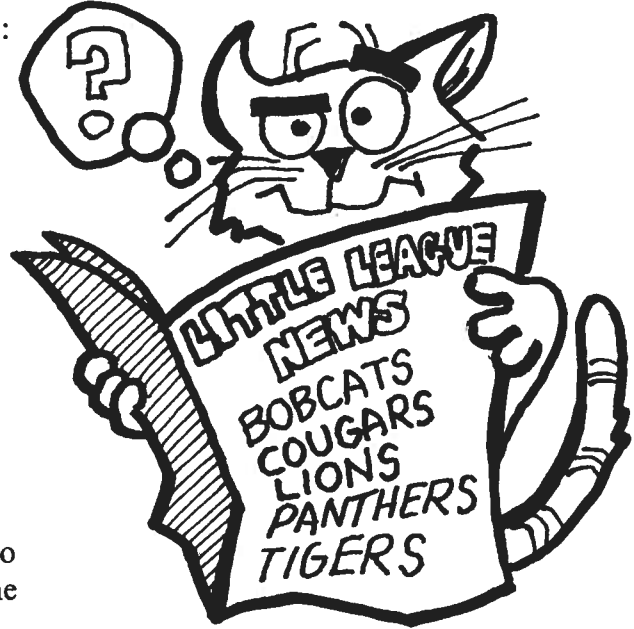
1. Although Justin was married for half as long as Luanne, he was married one year longer than Jeremy, who was married for half as long as Rosette—none of these people are husband and wife.
2. Ten years was the longest marriage.
3. Loreen was married one year longer than Joseph but one year less than Justin.
4. James was not married to Maybelle and neither of them was a part of the couple who were the first or last to get divorced.

		BROTHERS					WIVES				
		JAMES	JEREMY	JOHN	JOSEPH	JUSTIN	BERTRICE	LOREEN	LUANNE	MAYBELLE	ROSETTE
YEARS MARRIED	MOST										
	LEAST										
BERTRICE											
LOREEN											
LUANNE											
MAYBELLE											
ROSETTE											



26. LITTLE LEAGUE TEAMS

The final standings at the end of the Little League season put these five teams in the top five positions: Bobcats, Cougars, Lions, Panthers, and Tigers. Each team is sponsored by a different one of these local businesses: Al's Hardware, City Bank, Decker Insurance Company, Joe's Florist, and Mom's Bakery. From the information given, determine the name and sponsor of each team and how they finished in the standings.



1. The Panthers finished higher in the standings than the City Bank team.
2. Al's Hardware team is not called the Lions and the team sponsored by Mom's Bakery is not called the Bobcats.
3. The Decker Insurance Company team did not do as well as the Lions but they did better than the Cougars who did not finish in fifth place.
4. The Tigers finished higher in the standings than the team sponsored by Mom's Bakery but lower than the team sponsored by Joe's Florist which is not the team that finished first.

	BOBCATS	COUGARS	LIONS	PANTHERS	TIGERS	HARDWARE	CITY BANK	DECKER INS.	JOE'S FLORIST	MOM'S BAKERY
FIRST										
SECOND										
THIRD										
FOURTH										
FIFTH										
HARDWARE										
CITY BANK										
DECKER INS.										
JOE'S FLORIST										
MOM'S BAKERY										



27. CHOICE OF SHOWS

The Gold Dust, Gold Horn, Gold Rush, Silver Bell, and Silver Dollar are five popular showplaces on the strip. At each club one week a different one of these five singers was performing: Carol Channing, Tom Jones, Liza Minnelli, Wayne Newton, and Andy Williams. Opening the show for each of them was a different one of these five comics: David Brenner, George Carlin, Gilda Radner, Joan Rivers, and Lily Tomlin. From the information given, determine the singer and comic performing at each club.



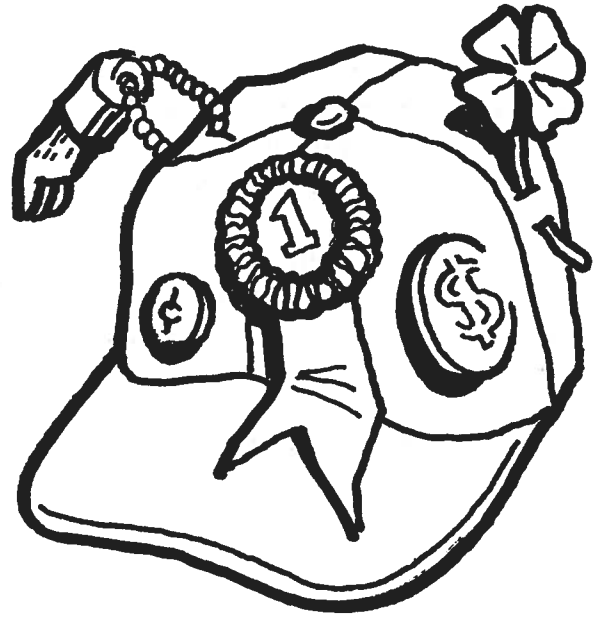
1. The only place where the performers are both women is the Gold Rush and the only place where the performers are both men is the Gold Horn.
2. Brenner and Tomlin are appearing in places whose names have "Silver" in them, but Channing is not.
3. The male comic appearing with Newton is not Brenner.
4. The male singer appearing with Radner is not Williams, and none of these is appearing at the Silver Bell.

	CHANNING	JONES	MINNELLI	NEWTON	WILLIAMS	BRENNER	CARLIN	RADNER	RIVERS	TOMLIN
GOLD DUST										
GOLD HORN										
GOLD RUSH										
SILVER BELL										
SILVER DOLLAR										
BRENNER										
CARLIN										
RADNER										
RIVERS										
TOMLIN										



28. LUCKY CHARMS

Baseball players are notoriously superstitious. Blacket, Bluet, Browning, Greenfield, and Whitehall are five players on the Boomtown Bombers who each carry a different lucky charm with them in every game. The charms are a four-leaf clover, a penny, a rabbit's foot, a ribbon, and a silver dollar. The five positions that they play are centerfield, first base, right field, shortstop, and third base. From the information given, determine each player's lucky charm as well as his position.



1. Neither Browning nor the two outfielders have a coin as a lucky charm.
2. Bluet is not an outfielder.
3. Greenfield is an outfielder and Whitehall's infield position is not first base but neither has his lucky charm a clover or a penny and Blacket does not have either of these two lucky charms.
4. Blacket and Bluet are not the players who play first base or third base and neither of them has a lucky ribbon.
5. The centerfielder's lucky charm is not a rabbit's foot.

	CLOVER	PENNY	RABBIT'S FOOT	RIBBON	SILVER DOLLAR	CENTERFIELDER	FIRST BASEMAN	RIGHT FIELDER	SHORTSTOP	THIRD BASEMAN
BLACKET										
BLUET										
BROWNING										
GREENFIELD										
WHITEHALL										
CENTERFIELDER										
FIRST BASEMAN										
RIGHT FIELDER										
SHORTSTOP										
THIRD BASEMAN										



29. WEARING OF THE GREEN

Five Irish-Americans each wore a different article of green clothing on St. Patrick's Day: hat, scarf, shirt, tie, and trousers. The five men are named Brian, Francis, Frank, Liam, and Mike. No man has the same first and last initial, and the last names are Brady, Flanagan, Lynch, Maguire, and Murphy. From the information given, determine each man's first and last name as well as the article of green clothing that he wore on St. Patrick's Day.

1. Francis and Mr. Maguire did not wear a green shirt.
2. Mr. Flanagan, Mr. Maguire, and Brian did not wear a green hat or scarf.
3. Mike, Liam, and Mr. Brady did not wear a green shirt or tie.
4. Mike is not Mr. Flanagan and neither wore a green scarf.



	BRADY	FLANAGAN	LYNCH	MAGUIRE	MURPHY	HAT	SCARF	SHIRT	TIE	TROUSERS
BRIAN										
FRANCIS										
FRANK										
LIAM										
MIKE										
HAT										
SCARF										
SHIRT										
TIE										
TROUSERS										



30. RUBIK'S CUBE CONTEST

The six top finishers in a Rubik's cube contest solved the cube in 0:29, 0:35, 0:51, 1:10, 1:26, and 1:30. Each started by completing a top color. Each one chose a different color to start with: blue, green, orange, red, white, and yellow. Of the six, three were boys named Eric, Oswald, and Wilbur, and three were girls named Gretchen, Lily, and Wendy. From the information given, determine how long it took for each one to solve the cube and what color each one used as a top starting color.



1. Gretchen's time was faster than Lily's time but slower than Eric's time; these three kids, like the girl who won the contest, did not begin with orange or green on top.
2. The girl who started with red finished later than the kid who started with orange but earlier than the girl who started with blue.
3. The kid who started with yellow on top finished earlier than Wilbur but not first.
4. Lily finished the cube earlier than Oswald.

	ERIC	GRETCHEN	LILY	OSWALD	WENDY	WILBUR	BLUE	GREEN	ORANGE	RED	WHITE	YELLOW
0:29												
0:35												
0:51												
1:10												
1:26												
1:30												
BLUE												
GREEN												
ORANGE												
RED												
WHITE												
YELLOW												



31. LONG TRIP

In order to make time during the long ride back to school, five friends traveling in the same car only made one stop, at which time they got gas, had lunch, and used the men's room. When they got back into the car, each man, including the driver, took a seat different from the one he had occupied during the first half of the journey. From the information given, determine where Bruce, Jacob, Neil, Oscar, and Sanford sat during the two halves of the journey.



1. Only one of the five guys was in the front seat of the car for both halves of the trip.
2. At the stop Oscar switched from the back to the front and Sanford switched from the front to the back.
3. Jacob and Neil switched positions.
4. The person who drove for the second half of the trip had been sitting in the center in the back for the first half of the trip at which time Neil was not sitting on his right.

		FIRST HALF					SECOND HALF				
		CENTER REAR	DRIVER	FRONT PASS.	LEFT REAR	RIGHT REAR	CENTER REAR	DRIVER	FRONT PASS.	LEFT REAR	RIGHT REAR
BRUCE											
JACOB											
NEIL											
OSCAR											
SANFORD											
SECOND HALF	CENTER REAR										
	DRIVER										
	FRONT PASS.										
	LEFT REAR										
	RIGHT REAR										



32. COUNTRY FAIR

The carnival was in town for the week and five friends spent many evenings there. They are two boys named Carl and Clark, and three girls named Carol, Clara, and Clare. They each had a favorite ride at the carnival, either the dodgems, ferris wheel, round-up, scrambler, or whip. They also liked to spend time in the midway trying to win prizes at their favorite booths. Each had a different favorite booth: baseball throw, darts, horse racing, ring toss, and sledge hammer. From the information given, determine the favorite ride and midway attraction of each of the five friends.



1. One boy likes throwing baseballs and the other boy likes riding the whip.
2. The girl who likes the dodgems and the girl who likes the ring toss are not named Clara.
3. Carl does not like the round-up and his favorite contest is not darts or the horse race.
4. Carol is not the girl who likes the ferris wheel or the girl who likes the scrambler and Carol's favorite contest is not darts or ring toss.
5. Clare's favorite ride is not the ferris wheel.

	BASEBALL	DARTS	HORSE RACE	RING TOSS	HAMMER	DODGEMS	FERRIS WHEEL	ROUND-UP	SCRAMBLER	WHIP
CARL										
CAROL										
CLARA										
CLARE										
CLARK										
DODGEMS										
FERRIS WHEEL										
ROUND-UP										
SCRAMBLER										
WHIP										



33. WAKE-UP CALLS

Three women named Brewster, Desmond, and Farrell along with two men named Donahue and Hendricks are all staying on the ninth floor of the Dawnlight Hotel. They have each left a wake-up call with the desk clerk for a different time in the morning: either 7:00, 7:15, 7:20, 7:30, or 7:45. Their room numbers are 945, 930, 920, 915, and 900. From the information given, determine each person's room number and the time each one wishes to be called in the morning.



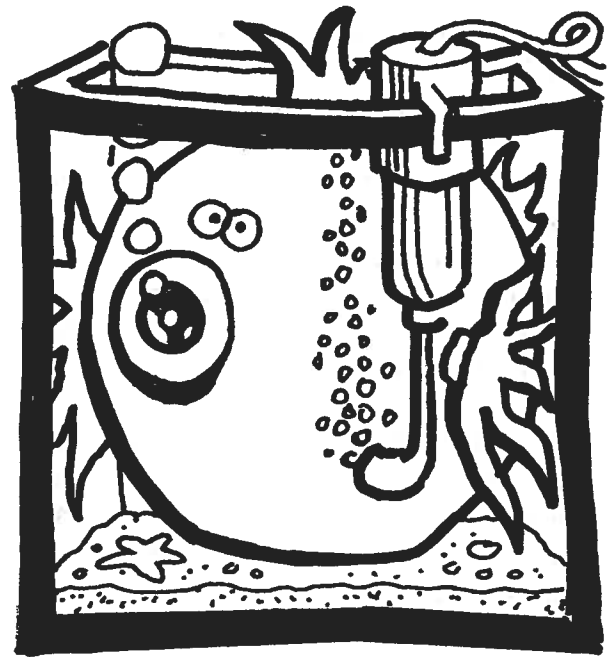
1. A woman has the highest room number and a man has the lowest room number but neither wishes to be awakened at 7:00 or 7:45.
2. The woman in room 915 wishes to be called earlier than the man in room 930 but later than Ms. Farrell who is not the woman who wishes to be called before everybody else.
3. Ms. Brewster's room number is lower than the room number of the person who wishes to be called first.
4. Mr. Donahue's room number is lower than Ms. Brewster's room number and he wishes to be called later than she.

	BREWSTER	DESMOND	DONAHUE	FARRELL	HENDRICKS	945	930	920	915	900
7:00										
7:15										
7:20										
7:30										
7:45										
945										
930										
920										
915										
900										



34. FISH-RAISING KIDS

Five friends enjoy raising tropical fish. They each have a different one of these size tanks: 50 gallons, 30 gallons, 25 gallons, 20 gallons, and 10 gallons. There are three boys named Arthur, Martin, and Maurice as well as two girls named Alice and Maureen. They each raise a different one of these types of fish: angelfish, cichlids, gouramis, guppies, and neon tetras. From the information given, determine the size of each person's tank and the type of fish raised.



1. Neither Martin nor Alice raise neon tetras and the same is true of the girl with the largest tank of all and the boy with the smallest tank of all.
2. Maurice does not raise gouramis.
3. Arthur's tank is larger than the tank in which angelfish are raised which is not the smallest tank.
4. Martin has a smaller tank than the kid who raises cichlids but a larger one than the tank in which neon tetras are raised.

	ALICE	ARTHUR	MARTIN	MAUREEN	MAURICE	ANGELFISH	CICHLIDS	GOURAMIS	GUPPIES	NEON TETRAS
50 GAL.										
30 GAL.										
25 GAL.										
20 GAL.										
10 GAL.										
ANGELFISH										
CICHLIDS										
GOURAMIS										
GUPPIES										
NEON TETRAS										



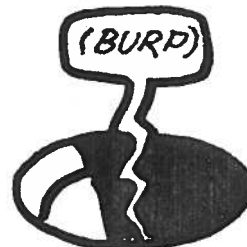
35. BOOK OF THE MONTH CLUB

The first choice and second choice in a popular book club for the months January through May were mysteries, romances, science fiction, thrillers, and westerns. From the information given, determine the first and second choice offered by the club for each month.

1. In no single month were the first and second choices both the same type of book and in no two months were the first and second choices the same two types of books in reverse order.
2. In January and May neither the first nor the second choice was a western or a mystery.
3. A mystery was offered as the second choice earlier in the year than the month in which a mystery was offered as a first choice but later in the year than the month in which a western was offered as a first choice.
4. A romance novel was offered as a second choice earlier than a romance novel was offered as a first choice but later than the month in which a science fiction book was offered as a second choice.



	1ST CHOICE					2ND CHOICE				
	MYSTERY	ROMANCE	SCI. FICTION	THRILLER	WESTERN	MYSTERY	ROMANCE	SCI. FICTION	THRILLER	WESTERN
JANUARY										
FEBRUARY										
MARCH										
APRIL										
MAY										



36. DIETERS' CLUB

A new diet club was started in Phattsburg. The first five members to join up are named Biggs, Gross, House, Piles, and Tubbs. Two of them are men named Barney and Whalen, while three of them are women named Bertha, Fanny, and Fatima. Each started out at a different one of these five weights: 300 lbs., 275 lbs., 250 lbs., 225 lbs., and 200 lbs. After three months on the diet, each person had lost a different amount of weight, either 125, 100, 75, 50, or 25 lbs. From the information given, determine each person's first and last name, original weight, and amount of weight lost.



1. At the beginning of the diet Whalen weighed less than Mr. Piles and the woman who lost the most weight in the whole group but more than Ms. House and the woman who lost the least weight of the whole group.
2. Barney did not lose exactly 75 lbs. and he is not now the same weight as Ms. Gross.
3. Mr. Tubbs, at the beginning of the diet, weighed more than Ms. Biggs and less than Fanny.
4. Fatima started out lighter but lost twice as much weight as Ms. Biggs.

	125 LBS.	100 LBS.	75 LBS.	50 LBS.	25 LBS.	BARNEY	BERTHA	FANNY	FATIMA	WHALEN	BIGGS	GROSS	HOUSE	PILES	TUBBS
300 LBS.															
275 LBS.															
250 LBS.															
225 LBS.															
200 LBS.															
BIGGS															
GROSS															
HOUSE															
PILES															
TUBBS															
BARNEY															
BERTHA															
FANNY															
FATIMA															
WHALEN															



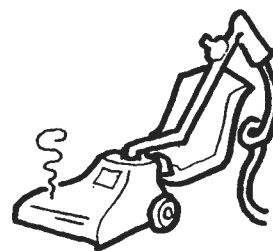
37. WORKDAYS

Ms. Smith plans her week's work and pleasure precisely. She schedules a different activity each weekday for the morning, afternoon, and evening, in addition to her daily chores of making beds, doing dishes, etc. In the mornings she keeps one free, works at a hospital, does her ironing, does her laundry, and helps out at the preschool that her youngest child attends. The activities occupying her afternoons are cleaning the bathrooms, gardening, cleaning the kitchen, cleaning the upstairs, and vacuuming. The five activities that occupy her evenings are bowling, bridge, night class at the local college, gym workout, and going to the movies. From the information given, determine what she does in the morning, afternoon, and evening of each day Monday through Friday.



1. The morning that she has free, except for daily chores, is on an earlier day of the week than the afternoon when she does the gardening but later than the afternoon when she does the vacuuming, which is not Monday.
2. Her gym workout is not on Friday but it is later in the week than the night when she goes bowling, which in turn is later in the week than the night when she plays bridge, but none of these evening activities is on the same day when she has a free morning.
3. She does the laundry and cleans the bathroom on the same day.
4. On the day she has an afternoon to work in the garden, she has already been to her night class but she has yet to put in her morning of volunteer work at the hospital.
5. She works at the preschool later in the week than the day when she cleans the kitchen floor.

		MORNING					AFTERNOON					EVENING				
		FREE	HOSPITAL	IRONING	LAUNDRY	PRESCHOOL	BATHROOMS	GARDENING	KITCHEN	UPSTAIRS	VACUUMING	BOWLING	BRIDGE	CLASS	GYM	MOVIES
MONDAY																
TUESDAY																
WEDNESDAY																
THURSDAY																
FRIDAY																
EVENING	BOWLING															
	BRIDGE															
	CLASS															
	GYM															
	MOVIES															
AFTERNOON	BATHROOMS															
	GARDENING															
	KITCHEN															
	UPSTAIRS															
	VACUUMING															



38. RETURNING FROM VACATION

Five couples who live on Maple Avenue in Forestville were all away on vacation for the same two weeks during the summer. The Smiths had kept the keys to the houses of all five couples in order to water the plants. The couples are named Finn, Gersten, Hawkins, O'Malley, and Webster. They were each on vacation in a different one of these five cities: Denver, Las Vegas, Los Angeles, Reno, and Vancouver. Each couple returned by a different means of transportation, either airplane, camper, bus, car, or train. From the information given, determine the order in which they returned, where they had been, and how they got home.



1. The Websters arrived home earlier than the couple who were in Las Vegas but later than the couple who came back by airplane.
2. The couple returning from Reno did not come by camper but they arrived after the couple returning from L.A.
3. The Hawkins arrived home before the Gerstens but after the Finns, who didn't return by airplane.
4. The couple who returned by bus arrived home later than the couple who returned by train but before the Hawkinses, however, none of these three couples had been to Denver or Vancouver.
5. The first couple to arrive home had not been to L.A., Reno, or Vancouver, and neither had the Finns.

	FINN	GERSTEN	HAWKINS	O'MALLEY	WEBSTER	AIRPLANE	CAMPER	BUS	CAR	TRAIN	DENVER	LAS VEGAS	LOS ANGELES	RENO	VANCOUVER
FIRST															
SECOND															
THIRD															
FOURTH															
FIFTH															
DENVER															
LAS VEGAS															
LOS ANGELES															
RENO															
VANCOUVER															
AIRPLANE															
CAMPER															
BUS															
CAR															
TRAIN															



39. DOG HOUSE

Five women friends each live on a different floor of the North Star apartment building. Their names are Edith, Hannah, Linda, Michelle, and Sarah. They each own a dog. Each dog is one of these types: cocker spaniel, dachshund, pekingese, poodle, and schnauzer. The dogs are named Buttercup, Daisy, Pansy, Rose, and Violet. From the information given, determine the floor on which each woman lives as well as the name and type of dog owned by each one.



1. Linda lives on a higher floor than the dog named Buttercup but on a lower floor than the pekingese, which is not named Rose.
2. Edith and her dog live on a higher floor than the dog named Pansy but on a lower floor than the dog named Buttercup, however, none of these dogs is a schnauzer.
3. The dachshund lives on a higher floor than the poodle but a lower floor than Sarah, whose dog is not a pekingese.
4. Violet is not a schnauzer but lives on a lower floor than Michelle.

	EDITH	HANNAH	LINDA	MICHELLE	SARAH	COCKER	DACHSHUND	PEKINGESE	POODLE	SCHNAUZER	BUTTERCUP	DAISY	PANSY	ROSE	VIOLET	
FIFTH																
FOURTH																
THIRD																
SECOND																
FIRST																
BUTTERCUP																
DAISY																
PANSY																
ROSE																
VIOLET																
COCKER																
DACHSHUND																
PEKINGESE																
POODLE																
SCHNAUZER																



40. INTERPRETERS

There are five interpreters at the U.N. whose names are Aix, Dee, Jay, Kay, and Oh. Each one is a native speaker of a different one of these five languages English, French, German, Hebrew, and Japanese. They each speak two other languages fluently. The five best languages spoken are Arabic, Chinese, Persian, Russian, and Turkish. As it happens, the five second best languages of the five interpreters are these same languages. Aix and Dee are women while Jay, Kay, and Oh are men. From the information given, determine each person's native language and his first and second best foreign language.



1. The native English speaker doesn't speak Arabic at all.
2. The Japanese and the German both list Russian as one of the languages that they speak but neither man is Mr. Jay who is not French.
3. Mr. Kay is not Japanese.
4. Ms. Dee's best foreign language is the same as Mr. Oh's second best foreign language.
5. Neither woman speaks Persian but the best foreign language of one of them is Chinese and the second best foreign language of the other is Arabic.

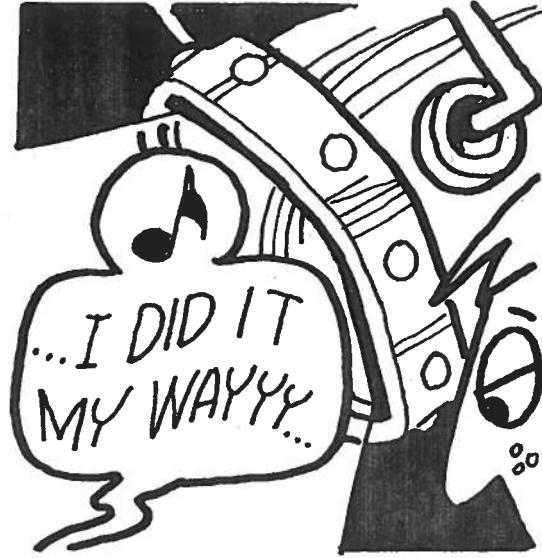
		NATIVE					FIRST					SECOND				
		ENGLISH	FRENCH	GERMAN	HEBREW	JAPANESE	ARABIC	CHINESE	PERSIAN	RUSSIAN	TURKISH	ARABIC	CHINESE	PERSIAN	RUSSIAN	TURKISH
SECOND		AIX														
		DEE														
		JAY														
		KAY														
		OH														
FIRST		ARABIC														
		CHINESE														
		PERSIAN														
		RUSSIAN														
		TURKISH														



41. AMATEUR HOUR

The five top finishers in an amateur contest at the local high school in Middletown are named Carl, Derek, James, Milton, and Wendel. Their last names are Cudahy, Donnelly, Jenkins, Marlow, and Wilkins. No contestant has a double-letter monogram. Their five acts were as a juggler, magician, mimic, singer, and violinist. From the information given, determine the order of finish in the contest for each type of performer as well as each one's first and last name.

1. The mimic finished better than James but not as well as Derek.
2. James is not the juggler.
3. Mr. Wilkins did better than Mr. Marlow but not as well as Mr. Cudahy who didn't do as well as the magician.
4. Milton's last name is not Wilkins or Donnelly.
5. The violinist did not finish as well as Mr. Marlow who didn't do as well as Mr. Donnelly.



	JUGGLER	MAGICIAN	MIMIC	SINGER	VIOLINIST	CARL	DEREK	JAMES	MILTON	WENDEL	CUDAHY	DONNELLY	JENKINS	MARLOW	WILKINS
FIRST															
SECOND															
THIRD															
FOURTH															
FIFTH															
CUDAHY															
DONNELLY															
JENKINS															
MARLOW															
WILKINS															
CARL															
DEREK															
JAMES															
MILTON															
WENDEL															



42. CLASS REUNION

At the twenty-year class reunion of the class of 1962 of the Littleboro High School, the ex-president, ex-vice-president, ex-secretary, ex-treasurer, and ex-prom committee chairperson of the senior class all showed up. Their last names are Carter, Conway, Matson, Rollings, and Wilson. Three of them are men named Bill, Glen, and Phil. Two of them are women named Liz and Mary. At present they each hold a different one of these five jobs: banker, bus driver, C.P.A., doctor, and teacher. From the information given, determine the first and last name of each class officer, the class position each one held, and each one's present job.



1. The ex-president and ex-treasurer are both males but it is the other male who works as a C.P.A.
2. Bill's last name does not begin with a "C" and Mary's last name is not Wilson.
3. Mr. Conway, Phil, and the guy who used to be the secretary do not work as either a banker or a bus driver.
4. Liz and the banker are not named Matson or Carter and none of these four is the ex-president.
5. The ex-president, ex-vice-president, and the doctor are not named Wilson.

	BILL	GLEN	LIZ	MARY	PHIL	CARTER	CONWAY	MATSON	ROLLINGS	WILSON	BANKER	BUS DRIVER	C.P.A.	DOCTOR	TEACHER
EX-PRESIDENT															
EX-VICE-PRES.															
EX-SECRETARY															
EX-TREASURER															
EX-PROM COMM.															
BANKER															
BUS DRIVER															
C.P.A.															
DOCTOR															
TEACHER															
CARTER															
CONWAY															
MATSON															
ROLLINGS															
WILSON															



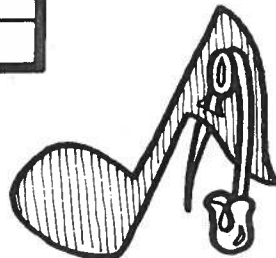
43. ROCK TOUR

The Woebegones are a European rock band touring the United States. Five of the cities at which they performed concerts are Buffalo, Cleveland, Kansas City, Los Angeles, and New York City. In each of these cities the concert was opened by one of these five bands: Crazy Glues, Double Double, Draw Backward, Right Turn, and Street Crazed. The attendances at the five concerts were 70,000, 60,000, 50,000, 30,000, and 25,000. From the information given, determine the order in which they played the five cities, the attendance, and the name of the opening band.



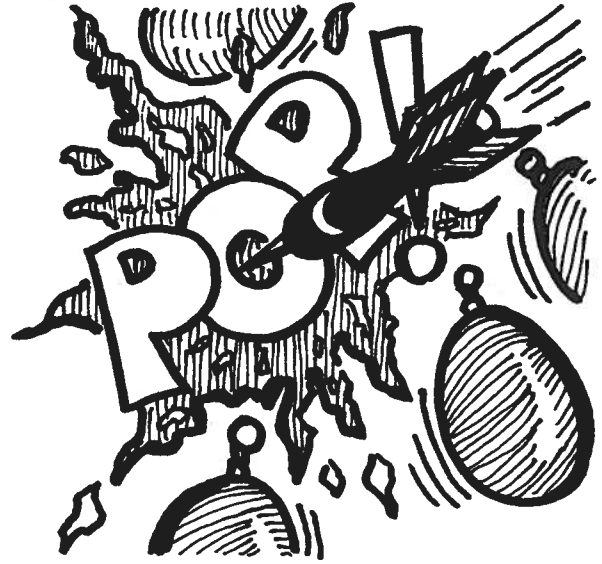
1. Cleveland was later in the tour than Buffalo but earlier than K.C. which was earlier than the city where they had the largest crowd.
2. Draw Backward was not the opening act for the largest crowd but they opened for a larger crowd than the Crazy Glues.
3. Street Crazed opened in a city that was later in the tour than N.Y.C. but earlier than Cleveland.
4. The crowd when Double Double was the opening act was larger than in Cleveland but exactly one half of the crowd at the N.Y.C. concert.

	BUFFALO	CLEVELAND	K.C.	L.A.	N.Y.C.	CRAZY GLUES	DOUBLE DOUBLE	DRAW BACKWARD	RIGHT TURN	STREET CRAZED	70,000	60,000	50,000	30,000	25,000
FIRST															
SECOND															
THIRD															
FOURTH															
FIFTH															
70,000															
60,000															
50,000															
30,000															
25,000															
CRAZY GLUES															
DOUBLE DOUBLE															
DRAW BACKWARD															
RIGHT TURN															
STREET CRAZED															



44. ARCADE PRIZES

Tony manages the dart-throwing booth in the arcade at the local amusement park. He keeps the prizes available for the rubes to win on a set of five shelves. On each shelf he keeps three different types of prizes. On the left-hand sides of the shelves he keeps ashtrays, electronic games, toy trains, watches, and water pistols. On the right-hand sides of the shelves he keeps blenders, stereos, stuffed animals, TVs, and whistles. On the centers of the shelves he keeps candy, clocks, dolls, toy boats, and wallets. From the information given, determine which prizes he keeps on the center, the left-hand side, and the right-hand side of each of the five shelves.



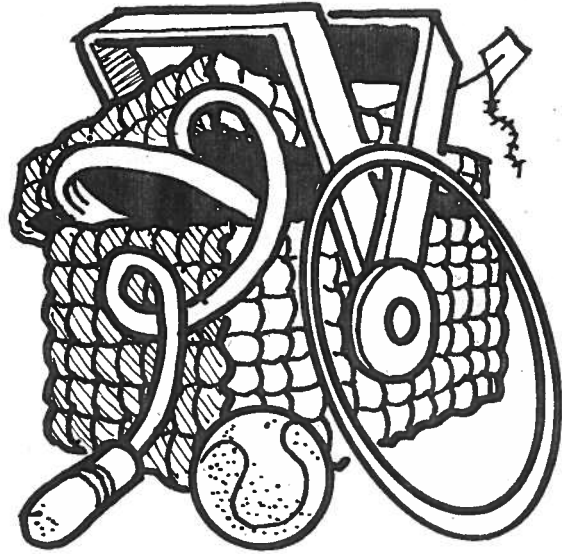
1. Toy boats are on a lower shelf than the one that holds electronic games and TVs but on a higher shelf than the one that holds water pistols and blenders.
2. Dolls and TVs are not on the same shelf.
3. Wallets are on a higher shelf than candy but on a lower shelf than blenders; however, toy trains are not on the same shelf as any of these items.
4. Watches are on a higher shelf than whistles but on a lower shelf than the stereos.

		LEFT					RIGHT					CENTER				
		ASHTRAYS	GAMES	TOY TRAINS	WATCHES	PISTOLS	CANDY	CLOCKS	DOLLS	TOY BOATS	WALLETS	BLENDERS	STEREOS	ANIMALS	T.V.'S	WHISTLES
FIFTH																
FOURTH																
THIRD																
SECOND																
FIRST																
RIGHT	BLENDERS															
	STEREOS															
	ANIMALS															
	T.V.'S															
	WHISTLES															
CENTER	CANDY															
	CLOCKS															
	DOLLS															
	TOY BOATS															
	WALLETS															



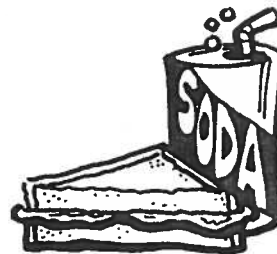
45. PICNIC TOYS

The five Johnson children each brought a toy to the family picnic on the Fourth of July. Their ages are 16, 12, 10, 8, and 6. Their names are Alice, Billy, Brenda, Greg, and Sally. A ball, a frisbee, a hoop, a kite, and a rope are the five toys that they brought, which are each a different one of these five colors: blue, gold, red, silver, and white. From the information given, determine each child's name and age as well as the color of the toy that each one brought.



1. The 6-year-old and the 16-year-old children are the same sex and one brought something silver and the other brought the frisbee.
2. The rope and the kite are not blue or gold.
3. Alice is older than Billy but younger than the girl who brought the hoop.
4. The girl who brought the kite is older than Brenda who is older than the kid who brought the ball.
5. The kid who brought the red toy is older than the girl who brought the rope but younger than the girl who brought the blue toy.

	ALICE	BILLY	BRENDA	GREG	SALLY	BALL	FRISBEE	HOOP	KITE	ROPE	BLUE	GOLD	RED	SILVER	WHITE
16															
12															
10															
8															
6															
BLUE															
GOLD															
RED															
SILVER															
WHITE															
BALL															
FRISBEE															
HOOP															
KITE															
ROPE															



46. SWEEPSTAKES

Five women won the top five prizes in a big national sweepstakes contest. Their names are Heather, Holly, Laurel, Lily, and Rose. Their last names are Heatherton, Hollyer, Laurelton, Lilyman, and Rosen. No woman's first name is repeated in her last name. In alphabetical order, the five prizes were a boat, a car, cash, a house, and a trip. From the information given, determine the first and last name of each of the winners, the prize won, and whether it was the first, second, third, fourth, or fifth prize.



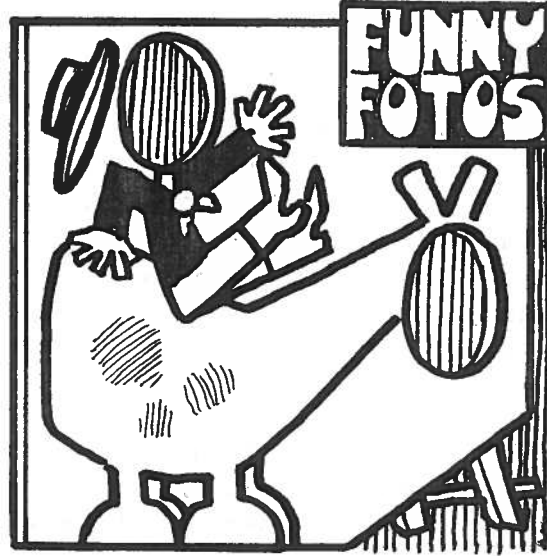
1. Ms. Laurelton won a higher prize than the woman who won the trip but a lower prize than Lily who did not win the first prize.
2. Ms. Lilyman and Holly did not win the car.
3. The trip was a higher prize than the one that Holly won but a lower prize than the one that Heather won which was not the first prize.
4. The cash was a higher prize than the car but a lower prize than the one that Laurel won.
5. Ms. Heatherton won a higher prize than Ms. Hollyer but a lower prize than the house.

	BOAT	CAR	CASH	HOUSE	TRIP	HEATHER	HOLLY	LAUREL	LILY	ROSE	HEATHERTON	HOLLYER	LAURELTON	LILYMAN	ROSEN
FIRST															
SECOND															
THIRD															
FOURTH															
FIFTH															
HEATHERTON															
HOLLYER															
LAURELTON															
LILYMAN															
ROSEN															
HEATHER															
HOLLY															
LAUREL															
LILY															
ROSE															



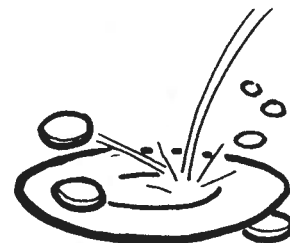
47. SCHOOL FAIR

Three girls named Beverly, Julie, and Lucy, as well as two boys named Philip and Warren, each managed a stall at the school fair. The last names of the five children are Brewster, Burger, Glover, Latham, and Standish. The five booths managed were a book stall, a cake stall, a crafts stall, a funny fotos booth, and a penny toss game. The profits made at the booths were \$80.00, \$65.00, \$50.00, \$40.00, and \$25.00. From the information given, determine the first and last name of each child, the type of booth managed, and the amount of profit made.



1. Beverly and the girl who made the most money did not operate the funny fotos booth.
2. Lucy made less money than the cake booth but more than the penny toss booth.
3. Miss Burger made only half as much money as Philip but neither operated the cake or crafts booths.
4. Warren made more money than the Standish boy but neither operated the funny fotos or penny toss booths.
5. The kid operating the crafts booth made less money than Miss Glover but more than Miss Latham.

	BOOKS	CAKES	CRAFTS	FUNNY FOTOS	PENNY TOSS	BEVERLY	JULIE	LUCY	PHILIP	WARREN	BREWSTER	BURGER	GLOVER	LATHAM	STANDISH
\$80.00															
\$65.00															
\$50.00															
\$40.00															
\$25.00															
BREWSTER															
BURGER															
GLOVER															
LATHAM															
STANDISH															
BEVERLY															
JULIE															
LUCY															
PHILIP															
WARREN															



48. BIRD HOUSES

Presently being boarded at the Bird House are five birds, which are a canary, a cockatoo, a myna bird, a parakeet, and a parrot. The owners of these birds are named Crane, Finch, Hawk, Heron, and Raven. In alphabetical order, the first names of the two men are Jay and Martin, while the three women are Mavis, Polly, and Robin. They each live on a different one of these five streets: Birdsall Street, Downs Street, Fowler Avenue, Poltrecci Avenue, and Winger Street. From the information given, determine the first and last name of each pet's owner as well as the name of the street on which each one lives.



1. Polly does not own the parakeet or the parrot but one of these two birds belongs to Ms. Heron and the other one lives on Winger Street.
2. Martin is not Mr. Crane and neither of these two men lives on Birdsall Street or Fowler Avenue.
3. Robin, Ms. Heron, and the woman who lives on Downs Street do not own the myna bird or the parakeet.
4. Ms. Finch, Mr. Hawk, and the canary's owner do not live on Poltrecci Avenue or Birdsall Street.
5. The canary does not live on Fowler Avenue.

	BIRDSALL	DOWN	FOWLER	POLTRECCI	WINGER	JAY	MARTIN	MAVIS	POLLY	ROBIN	CRANE	FINCH	HAWK	HERON	RAVEN
CANARY															
COCKATOO															
MYNA BIRD															
PARAKEET															
PARROT															
CRANE															
FINCH															
HAWK															
HERON															
RAVEN															
JAY															
MARTIN															
MAVIS															
POLLY															
ROBIN															

