

Problem 1

Charity Fundraising

Will and four of his schoolmates decided to raise money for local charities by asking their friends and neighbors to sponsor them in various events. Each one raised a different amount of money from his her friends (\$50, \$80, \$100, \$120, or \$150) and a different amount of money from his or her neighbor (\$123, \$210, \$305, \$450, or \$532). Each participated in a different event and gave the donations to a different charity (in one case, the Brushfire Brigade). From the information provided, determine each teen's charity and event, as well as the amounts he or she raised from friends and neighbors.

1. Each teen received a total of at least \$200; no two totals start with the same digit.
2. Eve, who raised \$150 from her friends, took part in a karaoke contest.
3. Louisa raised \$80 from her friends for Wildlife Rescue.
4. The one taking part in a dance marathon raised \$123 from his or her neighbors.
5. The one raising money for Emergency Rescue raised \$100 from friends and \$305 from neighbors.
6. The largest total went to either Farmers' Appeal or Wildlife Rescue.
7. Billy, who took part in the pie-eating contest, raised \$532 from his neighbors.
8. The one who participated in a 5K run raised \$450 from his or her neighbors.
9. Eric didn't compete in the swimming race; the one who raised money for the Lifeguards raised more money from his or her friends than at least one other person.

Teen	Charity	Event	Friends \$	Neighbors \$

Problem 2

Special Deliveries

While we receive packages every day here at Greek Publishing (our slogan: "It's all Greek to me!"), last week we got some real interesting deliveries. On each weekday, a different delivery company dropped off a package for a different employee (including Sarah). Curious, each recipient opened his or her parcel to find a different unusual gift that was given to him or her for a different reason (one person is about to undergo some surgery). Determine the day that each delivery company dropped off a package for one of our employees, as well as the contents of each package and the reason that each person received it.

1. The package that arrived on Friday didn't contain the set of marbles that were sent to the employee who had just received a promotion.
2. The package delivered by Swift on Monday didn't contain a set of coffee mugs.
3. The package that was delivered on Wednesday contained nail clippers, but not for the person who is expecting a baby.
4. The package delivered by Allspeed (which didn't contain rubber boots) was for the employee who is about to retire.
5. Uma's package was a set of coffee mugs, while Terrence isn't the person who received the package delivered by PDQ.
6. Fast-R (which isn't the company that delivered the package that arrived on Tuesday) didn't deliver the rubber boots (which weren't for Zack).
7. Violet's package arrived the day before the package for the employee who is having a wedding next week.
8. The package delivered by Qwik contained neither the rubber boots nor the item for the person expecting a baby.
9. Zack (who didn't receive a package on Monday) didn't get the nail clippers.
10. Neither the ceramic owl nor the package that arrived on Friday was for the person who is expecting a baby.

Day	Company	Employee	Contents	Reason

Problem 3

Birthday Bashes

Five close friends look forward to July each year—because that's the month of their birthdays! This July, each woman turned a different age (from 38 through 42) and the group celebrated together with five outings. Each woman was taken to her different favorite restaurant (one is Fizzler) on her birthday and the others chipped in to get each friend a different gift (including a day at a spa). Determine the date (the 3rd, 8th, 12th, 18th, or 22nd) of each woman's birthday, her age and favorite restaurant, and the gift she received.

1. The woman whose birthday was on the 12th (whose favorite restaurant is the Spaghetti Mill) didn't turn 42 years old.
2. Annette's birthday was at some point earlier in the month than that of the woman who received a membership to a wine club (whose birthday was at some point earlier in the month than that of the woman who turned 42 years old).
3. The birthday of the woman whose favorite restaurant is Chow Down was at some point later in the month than that of the woman who turned 40 years old but at some point earlier in the month than that of the woman who was given theater tickets.
4. Hailey is two years younger than the woman who received a weekend away at a luxurious retreat (who is younger than the woman whose birthday was on the 18th).
5. Soup Du Jour is the favorite restaurant of the woman who turned 41 years old.
6. The woman whose favorite restaurant is the Spaghetti Mill is older than the woman whose birthday was on the 3rd (who is older than Missy).
7. Lena's favorite restaurant isn't Chow Down.
8. The woman whose favorite restaurant is La Tortilla was given theater tickets for the upcoming season.
9. Tiffany wasn't given a shopping spree at her favorite clothing store.

Woman	Date	Age	Restaurant	Gift

Problem 4**Thyme Travel**

The Eco Motor Show focuses on vehicles that are good for the environment, and last month's show featured some extraordinary prototypes! The Yumin and four other automobiles in particular caused quite a stir. Each eco-friendly car (each of which was shown in a different color—including beige) was created by a different inventor and runs on a different herb! The awestruck crowd was especially amazed by the different special feature unique to each vehicle. With a few more modifications, these cars will be ready to drive off the lot! From the information provided, determine the inventor of each vehicle, its color, and the herb on which each runs, as well as each car's unique feature.

1. The car that runs on thyme (which isn't white) can travel through time; this isn't the brainchild of Mr. Notion.
2. With the push of a button, the green car (which isn't fueled by rosemary) will automatically drive to the nearest salad bar; this wasn't the vehicle invented by Ms. Greene.
3. The car powered by sage (which wasn't invented by Mr. Miwurds) increases the intelligence of its driver.
4. The Wonda automatically takes the most direct route to its driver's intended destination.
5. The basil-powered car has the ability to hover.
6. Four automobiles are the Xyon, the teal car, the Zohoo, and the red vehicle; neither the Xyon nor the Zohoo is fueled by parsley.
7. The Ugo (which isn't the red car) isn't powered by parsley; Mr. Idyr isn't the man who invented the Ugo.
8. The white car (which isn't fueled by basil) was invented by a man.
9. Ms. Greene didn't invent the Xyon (which doesn't raise intelligence).
10. Neither Ms. Goode nor Mr. Miwurds invented the time traveling auto.

Vehicle	Color	Inventor	Herb	Feature

Problem 5

Alien Word Blast

Parents have been pleased with the new computer game Alien Word Blast, as it cultivates creative thinking while providing children with the entertainment they crave. When players work their way through to the completion of the game, which often takes many sessions to accomplish, they are given the opportunity to create their own word, which is then introduced to other players in the game. Recently, five friends (two girls named Amber and Fiona, and three boys named Bryce, Calvin, and Dmitri) each created a different word (including "arnist"), no two of which have the same definition. Each successfully completed Alien Word Blast on a different date (the 6th, 13th, 20th, 27th, or 30th) and was pleased to see his or her new word introduced in a different level (from level one through level five). Determine the date on which each child finished the game, the word he or she created, the word's definition (one is "light a star"), and the level in which each word is introduced.

1. The boy who created the word "bostorfd" completed the game at some point after the friend who created the word that appears in level three (which was created at some point after Dmitri's word).
2. The words created on the 6th, 13th, and 20th are "bostorfd," Amber's word, and the word that means "move to another star system," in some order.
3. Four friends are the one who created the term that means "learn another alien language," the child who completed the game on the 27th, the one whose word appears in level five of the game, and Fiona (who didn't create the word "chestem").
4. Either Bryce or Calvin created the word "deopt."
5. The word "chestem" appears two levels before the one that means "ride the air wave."
6. The word meaning "move to another star system" doesn't appear in level five. The word "foregem" doesn't appear in level one.
7. The word meaning "under attack from green asteroids" (which isn't the definition of "deopt") wasn't created on the 20th.
8. Calvin completed the game at some point before the friend who created the word meaning "ride the air wave."

Date	Child	Word	Definition	Level

Problem 6

Shopping with Seniors

On Saturday, five high-schoolers (Candy, Donna, Justin, Melvin, and Ramon) met at Burger-U after a busy day of shopping, but it wasn't an ordinary shopping trip. The students had participated in the Shopping With Seniors Program. Each student had used his or her different family car (one was a sports car) to escort a different senior to the mall. Each shopping trip was to a different store and took a different amount of time to complete (20, 30, 40, 60, or 90 minutes). From the clues below, determine the student who escorted each senior, the vehicle in which they drove, the store they visited (one is Shop-Right), and the length in minutes of each trip.

1. The five students are Donna, the one who escorted Mrs. Ackerman, the student who drove the electric car, the student who took a senior to U-Save, and the one whose trip took 90 minutes.
2. Mr. Ferland's shopping trip took twice as many minutes as the trip to Co-op.
3. Mrs. Sarver's trip wasn't the longest.
4. The five seniors are Mr. Henley, the one who was escorted by Ramon, the one who was driven in the sedan, the senior who shopped at Dollar Dave's, and the one who was driven in the minivan.
5. The SUV travelers took 10 minutes longer to shop than Candy and her companion.
6. The trip to Super-Mart took less time than the shopping venture with Mrs. Barrow, which took less time than Melvin's trip with his companion.
7. The shopping trip taken in the minivan took 30 minutes longer than another trip taken by a student (but not Ramon) and his or her senior (who aren't the pair who traveled in a sedan).

Student	Senior	Vehicle	Store	Length

Problem 7**Creative Art**

Five students in Ms. Teacher's art class used some creative license on their drawing assignments. Each student (one is Jennifer) drew a different type of tree (including a pine tree) in a different, unusual color (including lavender). Find the order in which the five drawings were finished, and match each artist's full name with the color and tree in his or her drawing.

1. Andrew drew neither the elm (which isn't pink) nor the maple.
2. Norm finished immediately before the student who drew the palm tree, who finished immediately before the one surnamed Upton.
3. Christy, who didn't draw the maple, didn't finish first.
4. The one surnamed Harris didn't create the fuchsia tree.
5. The one surnamed Rimkus finished at some point before the one surnamed Niemeyer (who didn't draw the palm).
6. The willow isn't pink.
7. The one who drew the willow finished immediately after the student who created the aqua tree and immediately before Kevin, who didn't finish last.
8. Christy didn't color her tree blue or fuchsia.
9. The palm isn't pink or aqua.
10. The one surnamed Winfrey finished immediately before Andrew (whose last name isn't Upton).

Order	First Name	Last Name	Color	Tree

Problem 8**Showdown in Abilene**

Charlotte is the top costume designer at Marquis Films. Her latest project is to design the costumes for a new western entitled *Showdown in Abilene*. Each of the five main characters (including Roy) has a different occupation (one is a bartender), so Charlotte has chosen a hat of a different color (one is white) for each man, as well as a different item of apparel that will be his trademark in the movie. Each character rides a different type of horse, so Charlotte has also designed blankets to be worn by the animals. Match each character with his occupation, horse, hat color, and trademark.

1. The man who rides the palomino is neither the one who wears the enormous belt buckle nor the one in the black hat.
2. Avery, who rides the pinto, is a rancher; the rider of the quarter horse (who isn't the blacksmith) wears the spurs.
3. Dawson, who doesn't wear the neckerchief, rides neither the Arabian (which isn't ridden by the outlaw) nor the appaloosa.
4. Dusty wears the blue hat, but he doesn't ride the palomino.
5. The man in the tan hat wears neither the belt buckle nor the chaps.
6. The five characters are the one who wears the monocle, the rider of the palomino, the blacksmith, the rancher, and the one in the gray hat.
7. The appaloosa belongs to neither the man with the monocle nor the one with the belt buckle.
8. Neither Blake (who doesn't wear the chaps) nor Dawson is the outlaw.
9. The sheriff doesn't wear the black hat.

Character	Occupation	Horse	Hat Color	Trademark