

Rose-Hulman Institute of Technology

## Rose-Hulman Scholar

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The Rose Thorn Archive

Student Newspaper

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Fall 9-26-1980

### Volume 16- Issue 3- September 26, 1980

Rose Thorn Staff

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Stephanie Chitwood



Nora Eichvalds



Tami Gleason



Theresa Kippenbrock



Mary Mace

# the Rose Thorn

Vol. 16, No. 3

Rose-Hulman Institute of Technology

September 26, 1980

## Nine eye Queen's crown

Nine candidates will compete for the crown of Dawn Cowdrey in today's primary elections for Homecoming Queen. The top five vote-getters will become the court and advance to next Wednesday's final election.

Cowdrey won the crown last year fairly easily by defeating eight other candidates. An independent nominated by Tim Osowski, she is now a sophomore at St. Mary-of-the-Woods.

First of the nine hopefuls this year is Stephanie Chitwood. Representing Alpha Tau Omega, she is also a Rose cheerleader. Chitwood is a sophomore at ISU and is majoring in Environmental Health.

Nora Eichvalds will be representing Lambda Chi Alpha. Eichvalds is on the Dean's List at ISU where she is majoring in

sports medicine. The senior is involved in all sports.

Entered as an independent is Tami Gleason of Oklahoma City, Oklahoma. Gleason is a junior at St. Mary-of-the-Woods, where she is majoring in English. She is interested in dancing and photography.

Another independent is Theresa Kippenbrock, a sophomore at ISU majoring in Interior Design. Kippenbrock was also a Homecoming Queen in high school, and is a member of the American Society of Interior Designers.

Mary Mace is also being sponsored by independents. Mace, from Center Point, Indiana, is a senior at ISU majoring in Business Education. She has an impressive list of accomplishments, including pre-

sident of Pi Omega Pi and Kappa Delta Pi, and the lead in "Annie Get Your Gun."

The Sigma Nu entry is Gina Marie Mascari. Mascari is a sophomore majoring in elementary education at ISU and is a Terre Haute native. Mascari enjoys sports, and is also active in sororities and honoraries.

Kelly McCoy, also a Rose cheerleader, is the Phi Gamma Delta representative. McCoy, from Evansville, Indiana, is a sophomore at ISU majoring in recreation.

Merri Waggaman will represent Triangle. Waggaman is a St. Mary-of-the-Woods graduate with a degree in Business. She enjoys horseback riding, dancing, and jogging.

The final entrant is Suellen White. Also an independent, White is a dietary aide at Union Hospital. She also enjoys horses and eventually hopes to enter a business college.



Gina Mascari



Kelly McCoy



Meri Waggaman



Suellen White

## Computing Center allocation policy brings initial confusion

by Bill Chapell  
News Editor

Those students who have had the opportunity to use the computer this year have undoubtedly discovered the new time allocation scheme that was instituted over the summer. The lack of publicity concerning this new policy has caused considerable confusion, anger, and misconceptions.

The system involves allocating "funds" to those who use the Rose computer, and then charging "rates" for time spent on the computer. However, no money actually exchanges hands, because the monetary terms are merely conceptual.

"The policy is a method of accounting," according to Dr. Bruce Danner, director of the computing center. "In order to simplify things, we put the allocations in terms that everyone understands, and everyone understands money."

The system is based on the idea of charging for a scarce resource, which is exactly what computing time at Rose has become. Everyone who uses the Rose computer, student and faculty, will be given an allocation of fifteen dollars a week.

Computing time is charged at rates given in cents per minute. These rates are highest during the peak computing hours of 11:00 a.m. to 5:00 p.m. and lowest from 12:00 midnight to 8:00 a.m.

Due to a scarcity of terminals, rates are also charged for "connect time," or the time it takes to link a terminal with the computer.

The fifteen dollar allocation will cover three to four hours per week for the average individual.

When the user goes beyond his allocation, he receives no penalty; he simply runs a deficit. According to Danner, running a small deficit is perfectly acceptable if the system is not busy.

The value of an allocation system that does not punish those who abuse it is the fact that it enables the computing center to obtain information that it has never received before.

The center now has a listing from every teacher of the students in each class, as well as all assignments that must be done on the computer. The computer operators will be able to obtain printouts that show how much time students spent actually doing classwork.

And, although at present the policy "has no teeth," as Danner said, this does not mean that in the future the center will not take tougher measures. "Right now we're running it on the honor system," explained Danner, "and we expect that it will continue that way for most students."

Danner stated that students who continue to abuse the system will be dealt with, first by reprimands and later by more serious measures. If the honor

system does not work, Danner indicated that the next step would be to cut off the user's account after he expended his allocation.

At present, charge rates are the same for student and faculty, class accounts, and individual accounts. "Since our policy has no teeth," explained Danner, "we felt it was unnecessary to have different rates for class and individual accounts."

The computing center did, however, retain the policy it instituted last year of allowing only class accounts to be used from 11:00 a.m. to 5:00 p.m.

The ratings themselves were "pure guesswork," admitted Danner. They were estimated as if the Rose computing center were a commercial institution. All the expenses that a commercial establishment would have to deal with (except profit) were estimated, and rates were set to recoup those expenses.

According to Danner, the computing center will rake in approximately 700,000 dollars in "funny money" more than it would spend on its estimated expenses over the course of the academic year.



Jim Novacek was recognized at halftime of the Wabash football game by Rose-Hulman for competing three times in the NCAA Division Three Track Championships. The senior pole vaulter holds both the indoor and outdoor records for the Institute. The jumps were fifteen feet, three inches, and fourteen feet, six inches, respectively. Novacek is flanked by his parents and Dr. Hulbert. (Steve Shuman photo).

## Modulus playing catch-up

by Dale Arand  
and Rod Braun  
Staff Reporters

Rose-Hulman's yearbook staff is hoping to get this year's "Modulus" out on time, as well as finishing and distributing the 1979 and 1980 books. The 1978 "Modulus" was the last one issued.

The 1979 yearbook is well on its way to completion, mainly due to the efforts of Larry Welman, a 1979 graduate who has continued to work on the project single-handedly.

The 1980 "Modulus" is also being prepared for publication. Over 85 percent of the pictures that will appear in last year's yearbook have already been developed and printed. Most of the narrative for the '80 issue has also been completed.

The "Modulus" has not been one of Rose's most punctual publications over the last few years. Of course, there are some reasons for this. The "Modulus" staff has usually been large enough to accomplish its goal,

but out of this group only a handful were willing to spend the time necessary to finish the publication on time.

The "Modulus" has also been the victim of a shortage of funds. In the past there was also the lack of interest among the Rose students.

This year the "Modulus" staff, as well as many others, are hoping to change things. President Hulbert for one would like to see the yearbook out on time.

Years ago the "Modulus" documented all of the events that took place on campus. The "Modulus" could do this once again with added support from the student body and faculty.

The yearbook staff is always looking for ambitious, conscientious workers. If the "Modulus" gets a few more members it will make everybody's job on the staff easier and will also make their goals for this year more realistic.

## Gustafson baby renamed

The new addition to the Gustafson family is not Matthew Timothy, as reported in the September 19, 1980, edition of THE THORN.

Matthew Thomas was born September 7 at around 11 a.m. to Pete and Donna Gustafson. The Rose-Hulman class of '02

prospect weighed in at eight pounds, eleven ounces, and was 21 inches in height.

It should be pointed out, though, that although the name of the project was wrong, this time THE THORN had the contractors right.



# Editorial Thorn

## Computer time

by John Sparks, Editor

The computing center is a vital campus resource. It is hard to imagine a technical institution surviving the eighties without the computer capacity to meet today's challenges. The Rose-Hulman computing center, while not particularly outstanding, has at least been adequate for an Institution of this caliber.

But dark clouds are on the horizon. In the past it was never too difficult for students, faculty, or administration to find access to the computer. Lately, however, a small group of students have infringed upon the computer time of others with their excessive usage for non-academic ends.

Fortunately, the computing center has been on top of the situation. Two primary but necessary steps were taken last year. First of all, games were eliminated from the computer except at special times. Secondly, peak times were reserved for academic accounts. Each of those changes has proven troublesome only for those who are guilty of computer monopoly.

Now comes a third step; a step which should be applauded by all. The computing center has implemented an accounting system which keeps track of an account holder's activity in the form of weekly usage charges. This system is a step in the right direction for concerned users tiring of the lack of computer availability.

The system is simple enough. A fictitious charge schedule has been set up using an arbitrary weekly amount as a base. Time charges against this weekly credit is pro-rated according to the period of the day in which the user is logged in. Naturally, high traffic periods such as the early afternoon are more expensive than late night use.

For now, at least, it is merely an honor system. Users exceeding their time limits will merely have a constant reminder of their excess in the form of accumulating deficit charges. The only penalty will probably be a reprimand from the computing center.

More importantly, though, is the data that will be realized through the charge accounting. Through the assimilation of data, computing center personnel will be able to get a reasonably accurate cross-section of computer usage at Rose-Hulman. Extremes will be easy to spot and are already beginning to stick out.

It is to this end that the computing center should work. With some effort, this data can easily be standardized toward the upper end of the scale for an idea of how much computer time the user actually needs. If a student body figure proves too inconsistent, the breakdown could instead be made by class. In any case, a base figure should be reached which allows a user some margin of error.

Once this time expires, the consequences are clear. Further computer time is withheld until the next week. Finding an appropriate overtime charge would only be a sore spot which favors more wealthy students.

The computing center has its work cut out for it. Establishing user limits is a difficult assignment, which may require some crystal ball prowess. However, there are many work-study students who would probably be glad to assist.

This is a great opportunity for the computing center to make itself one of the reasons behind Rose-Hulman's success. It is encouraging to see such a positive initial step.

FRANKLY SPEAKING ....by phil frank



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## Letter to the Editor Computing secrecy

The administration of Rose-Hulman has hit the height of hypocrisy. They have been pushing students to learn how to communicate while acting as though they have never heard of communication.

Three notable examples are clear this year. First the school raised the tuition charge for overloads and never notified the students (until they were billed). Secondly they decided to charge tuition for audits just like they were taking the course for credit. It was pointed out that they could audit the course then test out. All that would be required to prevent that would be to charge for such credit.

However, the most unbelievable example is the computing center policy. Repeated attempts by student leaders and representatives have failed to get Dr. Danner to make an official statement of the new policy — whatever it is. This is

the most irresponsible move made by the center's director yet. He merely established a charging (or pseudocharging or mock charging) system without explaining it. He has never explained what the new system is.

The computer is very important to many students this quarter, as at all times. As a former member of the computing center committee, I know how much is not publicized. This, however, is going too far. One can argue over the policy, but there is no argument to justify the irresponsibility of this secrecy.

Finally I would like to appeal to the system users to make their irritation known to Dr. Hulbert. I feel Danner has forgotten that this school is here for the students not the other way around.

Sincerely,  
Jonathan M. Diller

## Upcoming

Friday, Saturday 26

Nine candidates square off in primary elections for Homecoming Queen today. Only the top five vote-getters will appear on the court. Freshman Congress elections also take place today.

Saturday, September 27

A busy day in varsity athletics, but only the soccer and rifle teams find themselves at home. Washington University at St. Louis will provide the competition for a soccer team still seeking its first victory, while the rifle team hosts the University of Illinois. The football team looks to turn it around against a tough Hanover squad at Hanover. The golf team competes in the Wabash Invitational, while the cross-country team locks up with Earlham and DePauw in a triangular meet.

Sunday, September 28

The soccer team visits Blackburn in a rare Sunday contest. RHA provides evening entertainment with a screening of the Burt Reynolds' adventure "Hooper."

Monday, September 29

The soccer team is in action once again, hosting St. Meinrad.

Tuesday, September 30

The Hall Olympics reach their finale today with two events. The frisbee relay around the lake and the greased watermelon relay will decide the champions. Spectators are guaranteed a good time.

Wednesday, October 1

Final balloting for Homecoming Queen will take place today. The winner will be announced Friday.

Friday, October 3

Homecoming activities begin. The evening events feature a pep rally which includes the banner and cheer competition. The Queen and her court will be presented. The lighting of the bonfire will precede a bonfire Dance featuring the Rose-Hulman Pep Band.

Saturday, October 4

Homecoming. Rose hosts conference rival Principia in football, while the soccer team also hosts the Indians. A Happy Hour for alumni and seniors will follow the game in the fieldhouse. Capping off the activities will be a Homecoming concert featuring Harry and Tom Chapin. Tickets are still available.

Monday, October 6

The junior varsity football squad visits Wabash.

Tuesday, October 7

The Fall Honors Convocation will be held today.



## On the album front

by A.J. Fossett



Jethro Tull's latest album, "A," on Chrysalis, is the most recent in a long line of thematically organized albums by the venerable group, stretching from 1974's eclectic "War Child" to last year's "Stormwatch." On the whole, these ideas were a big overblown in their execution, but certain individual songs were gems. That's pretty much the case with "A."

"A" does have one distinction of note over its predecessors, and that is that Ian Anderson seems to be a bit subdued; this is more a group effort than, say, "Stormwatch." Anderson contents himself with just vocals and flute, and the other musicians add a good deal of fire. Of course, having Eddie Jobson (late of Roxy Music) on keyboards certainly doesn't hurt. Jobson even pitches in with some composition, if that's to be believed.

The music is your basic Tull mix of jazz, R & B and progressive. The lyrics (on the first side, at least) speak of flight — "Crossfire," "Flying Flyer," and "Black Sunday." The concept dissolves on the second side, leaving only references back to earlier Tull albums. High points are "Flying Flyer," Tull's best song in a few albums, and "And Further On," — you figure what the lyrics means. In short, if you don't get too caught up in the lyrics, this isn't a bad album by anyone's account.

The plan here was to review

Queen's "The Game," but if you haven't yet heard "Another One Bites the Dust" played by one of the guys on your floor at sufficient volume to get the message across, then you're either dead or deaf. Shame that he hasn't discovered that Queen has returned to its "Sheer Heart Attack"/"Night at the Opera" groove with an album that's at the same time richly varied and

sharply focused.

Such is Queen's trademark — variety with a heavy metal beat. Few groups could get away with something like "Bohemian Rhapsody" or, at the other extreme, "Tie Your Mother Down," and do it effectively. Queen does this, and knots it all together with a certain degree of cohesiveness that's at least very attractive.

## The THORN

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## Engineers edged

Rose lost a close game to ranked Wabash here at Phil Brown Field Saturday.

The Engineers scored early following a fumble by Wabash after Jim Novacek hit a 73-yard punt. Dave Rodgers of Wabash fumbled and Rose junior Ben Brian recovered the ball on the Little Giants' five.

Rose lost a yard on a first down run, but scored the next play. Quarterback Curt Bilby

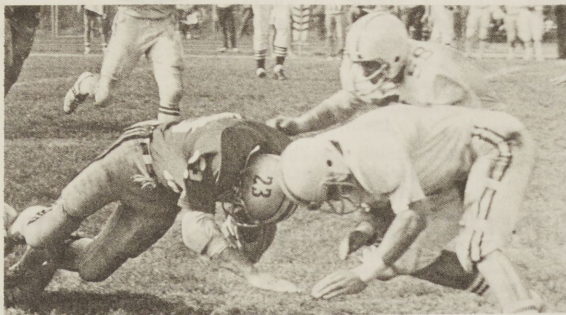
threw a five-yard pass to Novacek in the endzone for six.

Jeff Jackson kicked the extra point and Rose led 7-0.

In the second quarter Wabash kicked two field goals but Rose still led 7-6.

Wabash put 10 more points on the board in the third quarter, holding Rose scoreless.

The game ended with Wabash winning 16-7.



Tony Radecki (above) and Randy Hancock (left) trying to gain yardage for the Engineers. Rose had trouble on the ground netting minus yardage for the game. (Steve Shuman photos).

### Coach's Corner

## Rendel speaks of soccer

by Jim Rendel  
Varsity Soccer Coach

The 1980 soccer season, although beginning on a losing note, has shown definite signs of being an exciting one for the basically young Engineer kickers.

After dropping their first match to a fine Greenville team 5-2, they have progressed well and played excellently in a hard fought 1-0 loss to Wabash.

The intensity shown in the Wabash match was not shown in the first half of the ISU match as the Engineers gave up three goals and dropped a 3-1 decision.

This year's team is a young team; even three of the six seniors on the team have not had a lot of playing experience as they had been playing behind 1979 All

Conference players Bob Froetscher and Ray Farmer, both of whom have graduated.

Presently the starting lineup consists of Fr. George Colby, filling in for injured Sr. Mike LaPosa at goalie; Srs. Kevin Giles and Phil Murray and Jr. Steve Thompson at the fullback position; Jr. Brad Kowalski and Frs. Jamie Huller and George West at halfbacks; and Srs. Ralph Smith and Steve Reust, Jr. Eric Mooney, and So. John O'Donnell on the front line.

The one thing that has pleased me at this point is the fine play of those on relief of the starters. Backing the front team and doing excellent jobs are Fr. Steve Roetter at fullback; Sr. Kevin Thompson and Fr. Milosh Copat at halfback; and Jrs. Dan Werite and Brian Mack

and So. Dave Watson on the front line.

Also seeing action so far year have been Sr. Kendall Smith, So. Joe Hutson, and Frs. John Hinz and Matt Hennell.

The Fighting Engineers have a tough weekend ahead of them with national power Washington University of St. Louis coming to town on Saturday, a long trip to Blackburn College on Sunday, then back home on Monday to entertain St. Meinrad's.

It is hoped that the tough schedule ahead for the kickers will help prepare them for the College Athletic Conference tourney which is scheduled for November 6, 7 and 8 at Sewanee, Tenn.

This year's squad intends to improve on its last place finish in 1979.

## IM Sports Round-Up

by Brad Burton

The Intramural touch football season is underway! In a moment a review of last week's action will be given, but first will be a look at a few of the touch football rules which differ from those of conventional football:

**Scoring** — Same as regular football, but no field goals and the point after touchdown must be scored by passing or running the ball in from 5 yards out.

**Downs** — The offensive team shall have four downs to reach the next of four twenty-yard zones.

**Fumbles** — All fumbles, dropped punts or kickoffs and bad snaps are dead at the point the ball touches the ground. The fumbling team keeps possession with a loss of down.

**Blocking** — All blocks must

be thrown with two feet on the ground. Holding or pushing the defensive man is not permitted.

**Tackling (touching)** — One-hand touch below the neck and above the knees. On the arms the tag must be below the elbow.

**Free Kick (Punt)** — Offensive team cannot cross the line of scrimmage until ball is kicked; defense may not rush.

**Time** — 10 minute quarters; clock stops only on touchdowns, safeties, touchbacks, ball out of bounds, time outs, and after every play in the last minute of each half.

**Players** — Nine players on the field, although a team may start with seven players and finish with any number less than nine.



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Again this year, students will be allowed to paint their rooms. Paints and supplies are available in the small room off the game room for \$10.00 (including a \$5.00 deposit). Rooms can be painted only once every three years. Painting should be done in the fall, and none can be done from two weeks before to the end of a quarter. (Photo by Anderson).

## Guards important on Rose campus

by Brett Hunsaker  
Staff Reporter

Rose-Hulman employs several security men to watch over the campus at night. But their job entails more than just watching for vandalism and other mischief; it includes maintenance, assistance to the students, and several other minor jobs.

Security is the main part of their job, but the guards also consider helping students to be important. They have helped dig cars out of the snow and get other cars started with jumper cables.

They are the people who handle the emergency phone calls to students when the switchboard is closed. And they're responsible for making sure the streets are clear of snow during the winter.

Since the guards work out of the Buildings and Maintenance Department, they watch for fires, leaks, broken windows, and other problems which need to be fixed.

The security guards recognize that pranks are part of college life, and that with the construction of the bonfire approaching there are bound to be a larger number of pranks.



Although the guards can stop anything they feel is dangerous, "We try to stay out of the bonfire — but we're there if we're needed," says Paul Philips, head of maintenance and security.

So far this year there has been very little trouble, but problems usually don't start until the colder weather comes. "When it's cold outside," Philips said, "students stay inside more, giving less people for the vandals to worry about."

Last year, the vandalism was a little worse than in the past. Several cars in the Speed parking lot had tape decks taken, which prompted some students to watch the lot themselves.

The vandals were parking their cars on the highway, and when the guards went through the lot, they would simply hide behind a car.

Currently the security guards are considering whether they should carry sticks. They do not carry any weapon now.

Besides the increase in vandalism, an incident last year heightened the need for tighter security around the campus. That incident was the theft of a stereo system valued at thousands of dollars from the Worx.

The guard this year were given new uniforms.

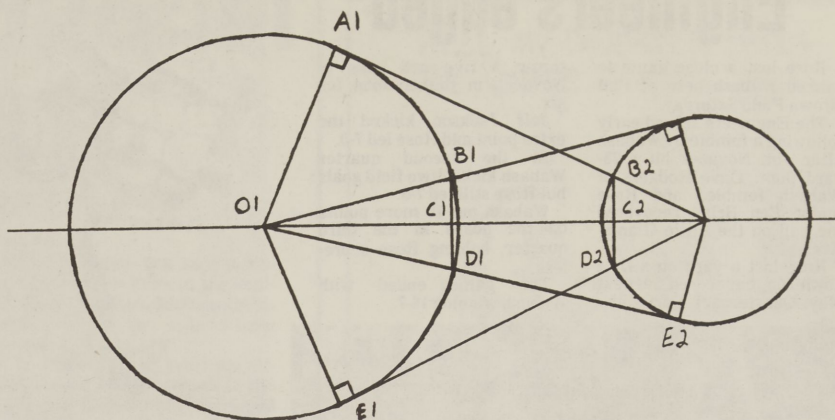


FIGURE 1

## Math contest presents third problem

The solution to the first problem is now posted on the Mathematics Department bulletin board (second floor of Crapo Hall). The solution and a list of correct people who correctly solved it will appear in the next issue of the Thorn.

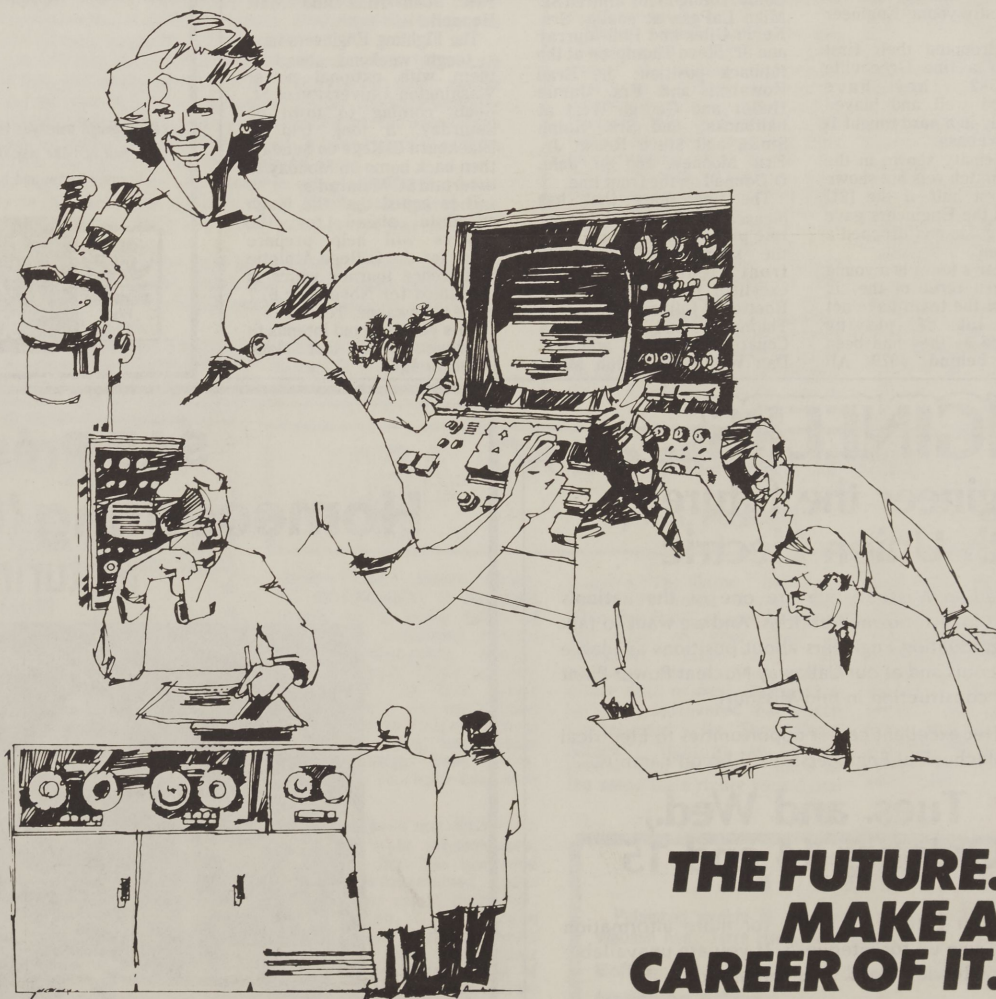
If you didn't get it right (or if you did) remember the prizes are given to the persons who get

the most number of correct solutions in the quarter. Ties will be broken by dates, eloquence, and exposition of the solutions.

This week's new problem, Problem 3, is due at noon on Friday, October 10. The problem is to show that a natural number (i.e. positive integer) is uniquely determined by a knowledge of the product of all of its divisors.

As promised, there will be a hint for Problem 2. (It is due at noon on Friday, October 3.) The original problem is drawn above (Figure 1) with points labeled, and auxiliary lines drawn. The argument should use similar triangles; show line segment B1-C1 is equal to B2-C2. Triangle O2-B2-C2 and triangle O2-O1-A1 are such a pair of similar triangles. Good luck!

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