TECHNICAL TEASERS

Of all the puzzles published in this column last month, the one which seemed to generate the most interest was the "letter addition" problem. You'll recall that it centered around the parents of a son in college, and the telegram they received:

S E N D
+ M O R E
M O N E Y

The odd fact is that this message forms a correct "letter addition." Each letter is replaced by a digit—the same digit for the same letter throughout, but different digits for different letters—and the two numbers so formed are correctly totaled below the line.

In answer to the requests I've had for the answer to this problem, I'll attempt to indicate a method by which this type of problem should be solved.

We see at once that M in the total must be 1, since the total of the column SM cannot reach as high as 20. Now if M in this column is replaced by 1, how can we make this column total as much as 10 to provide the 1 carried over to the left below? Only by making S very large, 9 or 8. In either case the letter O must stand for zero: the summation SM could produce only 10 or 11, but we cannot use 1 for letter O as we have already used it for M.

If letter O is zero, then in column EO we cannot reach a total as high as 10, so that there will be no 1 to carry over from this column to SM. Hence S must be positively 9.

Since the summation EO gives N, and letter O is zero, N must be 1 greater than E and the column NR must total over 10. To put it into an equation: $E+1$ equals N.

From the NR column we can derive the equation: $N+R(+1)$ equals $E+10$.

We have to insert the expression $(+1)$ because we don't know yet whether 1 is carried over from column DE. But we do know that 1 has to be carried over from column NR to EO.

Subtract the first equation from the second: $R+(+1)$ equals 9.

We cannot let R equal 9, since

we already have S equals to 9. Therefore we will have to make R equal to 8; hence we know that 1 has to be carried over from column DE.

Column DE must total at least 12, since Y cannot be 1 or zero. What values can we give D and E to reach this total? We have already used 9 and 8 elsewhere. The only digits left that are high enough are 7, 6 and 7, 5. But remember that one of these has to be E, and N is 1 greater than E. Hence E must be 5, N must be 6, and D is 7. Then Y turns out to be 2, and the puzzle is completely solved.

Shalabi Elected CCUN Head

Plans for the annual Charlotte College United Nations Picnic were finalized at the meeting on May 8. These plans will be made public later.

The recently elected president Rasmi Shalabi said, "The date of May 30 seems to be the best. Foreign students from other colleges who are still here at that time will be invited."

The club's adviser is Mrs. Edyth Winningham.

SUPER SUDS

Have you ever bailed out of a jet plane, traveling three times the speed of sound at 100,000 feet, without a parachute, swan dived into a glass of Kool Aid, returned to the surface, and won the Olympic Diving Championship?

No, but have you ever tasted City Pub Malt Lager?

Yep! Fooled the pants off you, didn't I? Be wise; drink City Pub Malt Lager.

The preceeding was a paid advertisement.

Morris Spearman hoists the dam cap purchased by the Circle K

Circle K Elects Officers

The Circle K Club, in a recent meeting elected it officers for the 1964-65 school year. Morris Spearman was re-elected president with Dick Raley, Jr., being elected vice president. The other officers aare, Recording Secretary Tom Estridge; Corresponding Secretary, Ronnie Webber; Wally Yarborough was elected Treasurer and the new Assistant Treasurer is Fred Ratchford.

On Wednesday, May 13, the Circle K will sponsor a car wash. The cars will be washed back of the College Union Building; for $1.25, cars will be washed and cleaned inside and out.

The proceeds from the project will be used in the following ways:

1. To purchase supplies for the Circle K Book Exchange.
2. To buy or make signs for the campus (directions, building signs, campus improvement signs, etc.).
3. To raise funds which will be given to the library for new books.
4. To purchase a cap for the overflow tube of the lake which will strain the refuse from the water.

The Circle K Club is presently composed of nineteen members. All interested students are invited to come to the club's open meetings.

Russel Sloss and Skip Stanley stop for the photographer during their practice rounds at Paradise Valley Golf Club.

-Reynolds Wrap-Up-
By Jim Reynolds

Charlotte College traveled to Charleston on Auril 25. They tangled on the old par 71 Charleston Country Club Course. C. C. Came out shining like a star with a 16½-10½ win. Rush Shull shot a 74, Butch Connell shot a 75 and Jimmy Helms had a 77 over the difficult course. We regret at the present time that no more scores or results are in our hands. We have heard that, by the way of the grapevine the team didn't fare so well in the DIAC, due to the fact that the team didn't get to Rocky Mount in time to play a practice round and become familliar with the course as the other teams did.

ACROSS THE NETS

There are no scores in tennis this week. We have been informed that next wek the final results will come from the conference office. We wil try to get the results for the year for all teams in the conference.

ON HARDWOODS

Plans have already been made for the 64-65 basketball year at

ABUNDANT ALLOYS

There are more than 3,000 different alloys of nickel in existence today for an increasingly wide variety of applications.

My Neighbors

"Say - y what kind of a nut do you think I am? . . ."

C. C. After reading over the schedule everyone will easily see that the boys will have a tough and busy year on the courts. Not only will they be trying to come out first best in the conference they will be defending champs in the Suncoast Tournament in St. Petersburg, Florida.

SPORTS NOTES

It appears that next year is a big year for C. C. sports wise. It is the hope of everyone I'm sure that sports will become a permanent part of the studnt life. We want to see a greater interest shown in sports on campus, and then maybe local sports casters and writers will come back to Charlotte for sports news and quit going north to big "D" for their satisfaction of having a winner in the home camp.

There are a few people on campus who have played the paradise Valley Golf Club. This reporter played nine on the course and has decided that this is one of the hardest he's seen in these parts. Though it is not really for very long, it is rolling, and even a ball hit down the middle of the fairway may roll into the woods or into one of the many creeks cris-crossing the fairways. If you play the game, try the coure once and see what I mean.

SUMMER OPPORTUNITY
(Male Students Over 18)

This year Collier's Vacation Earnings Program offers College Students more prizes and awards than ever before in the history of the Company.

A WORLDS FAIR WHIRL & RHINE RENDEZVOUS

Nine days all expense paid trip to the Worlds Fair

Holland, Germany, France, Switzerland

Fifteen $1,000.00 Cash Scholarships

Valuable Merchandise Awards

Students accepted for summer will have an opportunity to work in location of their choice. In North Carolina: Asheville, Charlotte, Winston-Salem, Durham, Rocky Mt., Raleigh, Fayetteville, Wilmington, Greensboro, Elizabeth City, and Roanoke Rapids. In South Carolina: Myrtle Beach, Greenville, Spartanburg, and Columbia. Qualified previous Employees would have opportunity for Management. All who would be interested fill in the next few lines and mail promptly in order to receive first consideration. Send the information to: Mr. Marshall S. Rosenfeld, District Manager, Suite 817, 201 S. Tryon Building, Charlotte, N. C.

Name _____ School Address _____ Phone _____

Home Address _____ Phone _____

Date available for interview _____ Date you could begin _____

Area you prefer to work _____