

this week is...  
**CO-ED WEEK**

The tables have turned! This week the UNB Co-eds have a chance to ask out the male of their choice (legally). To quote one well known figure\* on campus, "The boys at UNB are so terrific, so well mannered, so handsome and so **MODEST** that the girls owe it to us to give us a really good time". So you see there is every reason in the world to ask these charming men out on a date.

There are no limits set as to where you can go, what you can do, when you can do it, or who you can do it with. Skating, coffee, shows, dinner, breakfast, bird watching, swimming, window shopping, or drinking are just a few ideas. Ask as many males as you want (one at a time please), variety being the spice of life.

On Friday evening there will be a dance in the Students' Centre for the UNB Co-eds and their escorts. Admission will be 50c per couple. Further details on the dance will be posted on the bulletin boards.

Along with the dance notices, will be posted a set of rules which all Co-eds are expected to follow. Take note men, these

\* a 'Devil' and a Rep.



UNB Co-Eds Net Their Man.

rules must be adhered to, so don't let any sneaky Co-eds get away without practicing the best of "Co-ed Week" Manners.

A few examples of these rules are: Co-eds must open the doors for the men at all times, they must carry the man's books if he so desires, they must walk on the outside of the sidewalk and must help the man off with his coat when necessary. The roles are being reversed this week, so the UNB men have every right to

expect all the gestures and manners expected of them the other 51 weeks of the year.

We hope you, the males of UNB will be co-operative during the week and take the opportunity to experience the painful anxiety suffered by the co-eds as they wait for your calls. We also hope that the females of UNB will try to provide for the men, interesting and exciting dates as in the past year.

**MATHEM - ANTICS**

by GARY DAVIS

I have gathered together some problems and if you can solve any or all of them, please don't hesitate to send in your solutions.

Can you give me a geometrical construction and proof of a triangle drawn, having been given its three altitudes?

If a bag contains two checkers, as to which nothing is known except that each is either black or red, ascertain their colours. There is a very definite answer. Show me how you got it.

If I am to think of a number (a positive integer), which you must find by asking me twenty questions to which I will reply honestly with answers of either 'yes' or 'no', what is the largest number I should be allowed to choose?

In a survey of families in a building downtown, the report stated that there were more parents than children, that every boy had a sister, that there were more boys than girls, and there were no childless couples. Why was the report thrown out?

Given twelve perfect ball-bearings of equal size, of which eleven weigh exactly one ounce, using a balance which can be used only three times, determine which of the bearings is a different weight, and tell if it is lighter or heavier.

Here is the solution to the problem of January 17, in which a hole six inches high was bored clear through a solid sphere, and the remaining volume of sphere was to be found.

Only five solutions with the correct answer were submitted. Most of these were based on the fact that the remaining volume, after subtracting the two 'caps' or spherical segments, and the cylindrical hole, was  $\frac{4}{3} \pi (h/2)^3$  where h is the length of the hole (6"). This is independent of the radius of the hole and of the sphere. Thus the answer is  $36 \pi$ . Dan Casey was first to submit the correct theory and answer. Below are his diagrams. Charles Wiesner arrived at the same correct answer by using fundamental calculus. Thank you to the others who gave me their solutions.

Send solutions to today's puzzles to DAVIS'S MATHEM-ANTICS, Box 24, Aitken House, UNB.

Last week's puzzles will be answered next week.

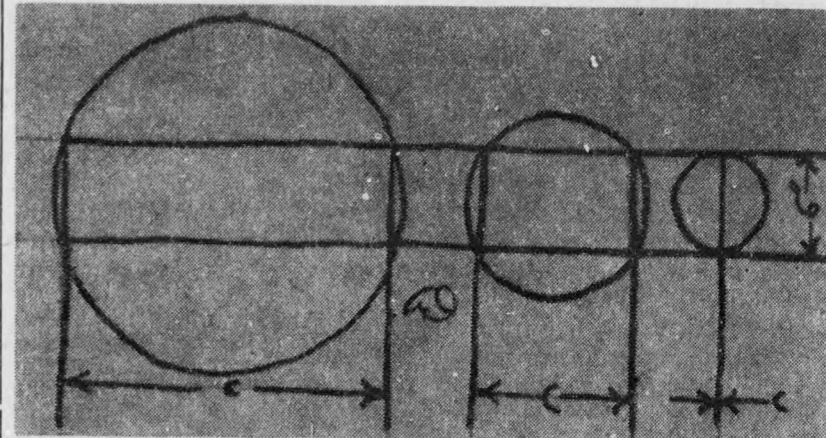


Figure 1

**PURELY WHIMSICAL** — continued from page 2

Newmanite). I spent that time pacing back and forth thinking about the essay I was supposed to be typing at home, the essay that was supposed to be in that afternoon. It's things like this which tend to dull my mind, raise my anxiety level, and break me out in a nervous rash.



There's  
Something  
Special  
about  
du MAURIER

**du MAURIER**

*Symbol of Quality*

a product of Peter Jackson Tobacco Limited — makers of fine cigarettes

EUROPEAN STYLE      ORIENTAL DISHES

**SUN GRILL**

*Foremost Food  
Prompt Efficient Service*

Most Modern Air Conditioning

Cor. KING & REGENT Sts.

Pick up a  
pocket full of  
**Penguins**

at  
**Hall's Bookstore**

Always — for the latest  
and greatest in books  
and supplies — Shop at

**C. W. Hall & Co. Ltd.**

Est. 1869

PHONE GR 5-8152

THE HOUSE OF IMPORTS — LADIES' AND MENS'

**Fleming's English Shop**

QUEEN STREET — FREDERICTON, N.B., CANADA

Agents For:—  
Jaeger Woolens  
Allen-Solly — London  
Viyella Shirts  
Christys' of London  
Daks Slacks  
Fownes Gloves of London  
Webbs English Gloves

Peter Scott of Hawick  
Glen Cree Robes  
Steff Toys of Germany  
Liberty of London  
Aquascutum of London  
Warren K. Cook Clothes  
Nunn-Bush Shoes  
Hatheway Shirts

Tartans and Other Imported Goods

Upstairs—LADIES SPORT SHOP