

Rose-Hulman Institute of Technology

## Rose-Hulman Scholar

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Student Newspaper

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### Volume 30- Issue 4- November 17, 1920

Rose Thorn Staff

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## Secondary Outfit is Swamped by St. Xavier

### Engineers Minus Five Varsity Men Are No Match For Cincinnati Team

Rose suffered another defeat when St. Xavier piled up a 56-0 score against the crippled engineers who played with a half dozen regulars on the side lines. According to the dope gathered the St. Xavier attack was featured by one fleet-footed Davis who repeatedly knocked off gains of from thirty to forty yards. The only regret we have at this time is the fact that Ed Hauer, who was injured in the Franklin game a week previous, will be out for the season. Hauer was one of the most promising freshman and his absence will be keenly felt by Coach Gilbert and his cohorts.

St. Xavier (56) Rose Poly (0).

|              |      |           |
|--------------|------|-----------|
| Mueller      | L.E. | Offutt    |
| Noppenberger | L.T. | Steffan   |
| King         | L.G. | Krausbek  |
| Wert         | C.   | Dedert    |
| Vail         | R.G. | Gray      |
| Dubois       | R.T. | Standau   |
| McGarry      | Q.   | Reinhardt |
| Cushing      | R.E. | Forsyth   |
| Hellenhan    | L.H. | Wilson    |
| Davis        | R.H. | Heck      |
| Marnell      | F.   | McDargh   |

Touchdowns—Davis (3), Cushing (2), Hellenhan (2), Marnell. Goals from touchdown—Noppenberger (8).

### AMERICAN ASSOCIATION OF ENGINEERS

The Terre Haute Chapter of the American Association of Engineers held a noon luncheon meeting at the Elks' Club on Saturday, Nov. 6. The meeting was well attended.

Results of the balloting for officers for the ensuing year were announced. The following were elected:

President, W. H. Durbin; vice president, R. P. Long; secretary-treasurer, G. J. Stoner; director, R. L. McCormick; student director, S. Reibel; nominating committee, F. C. Rottman, O. L. Stock, D. B. Shourds.

National headquarters is conducting a referendum vote on the question of raising the dues from ten to fifteen dollars per annum. At this meeting the Terre Haute Chapter went on record as being opposed to the raise, only three members voting in favor of it.

Following the meeting, Mr. Wyckoff, Boy Scout executive for Terre Haute and the vicinity, gave a short talk on the Boy Scout movement. He gave a very interesting discourse, pointing out how the Boy Scout movement takes the naturally destructive element in the normal boy and turns it into constructive habits which tend to develop him into one best type of citizen.

### PROTECTING OUR DYE INDUSTRY

All of us can easily recall our difficulties when the World War shut off our importations of dyes from Germany. Prices rose so high on dye-stuffs that desperate efforts were made to bring them in. A large part of the cargo of the submarine freighter, Deutschland, consisted of dye-stuffs. The reason for this state of affairs was that, owing to our trade policy, we had no dye factories worth the name.

Germany had a monopoly of the dye trade of the world, and came near choking all her enemies to death with gas, made largely in her dye factories.

By almost superhuman efforts we solved the great problems connected with the production of satisfactory, fast-color dyes, on a commercial scale. It is not only a necessity for us to protect these factories for industrial purposes, but also with an eye to future chemical warfare, for he who thinks we have seen our last war does not know human nature.

But now the Germans are sending over large quantities of dye-stuffs, and increasing these shipments weekly. They are selling them at a price and in such quantities as to seriously cripple our own dye factories.

Prompt aid is needed to save our dye industry.

We must protect and encourage our dye-makers, because their future is linked with the destiny of the country as a whole.—American Machinist.

### MINUTES OF STUDENT COUNCIL MEETING

November 9, 1920.

Meeting called to order at 8:25 P. M. at A. T. O. House. Forsythe and Harmas absent.

Faculty's answer to petition for holiday on Armistice Day read. Refuse holiday then, but add Friday and Saturday to the usual Thanksgiving Day holiday. Motion made by Clark, seconded by Dix, to accept the ruling.

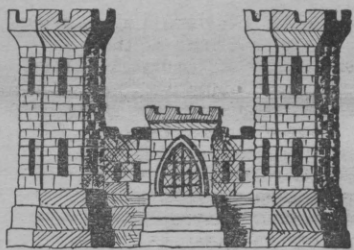
Gilbert donated the Elephant to the Student Council, to be the property of each succeeding Sophomore Class. Vote of thanks extended Mr. Gilbert. Minstrel show left open to be decided at next meeting.

Publicity stunts for Normal game suggested and discussed. Assembly to be called for next Thursday A. M. for yell practice.

Sophomore Class instructed to repair Elephant to be used at Normal game. Williams moved, Junker seconded, that Student Council bear all expenses over \$15.00 incurred in repairing Elephant.

Discussion of athletic policies for ensuing seasons.

Motion to adjourn by Dix, second by Clark. Motion carried 10:45.



## R.O.T.C.

Issuance of complete outfits of clothing is now under way. Cap ornaments, insignia of rank, chevrons and R. O. T. C. arm insignia are now en route and will be issued as soon as received.

An extensive lecture course, accompanied by moving pictures, is planned for both classes during the cold weather when out door drill will be impossible.

The sophomores are now having a lecture course in military law, hygiene and sanitation, military fundamentals and army organization, army paper work and methods of supply. The freshmen are receiving theoretical instruction in infantry drill regulations.

A practice march for the entire battalion is planned for some Saturday morning period in the near future. A formal battalion review and inspection will be held before the Christmas vacation. All sophomores will receive a thorough course in the giving of commands, writing of orders, etc., with particular attention being paid to the officers and non-commissioned officers in this line of work.

### TECH VS. BRAZIL

Rose Tech, 7; Brazil, 6. The winning margin would in all probability have been much larger if the Rose Freshmen had not fumbled at critical moments. For Tech, Watson, Fisher and Lenz played good football. Rose scored early in the game while Brazil went over just before the whistle blew after completing a long forward pass. The kick for goal was blocked.

### THE TECHNIC DANCE

The first of a series of Technic dances will be held at the K. of C. hall next Saturday. Tickets may be obtained from any member of the Technic Staff.

This is the first school dance of the year and everyone should be present. Get a date and be on hand next Saturday evening.

The Faculty and Student Body of Rose extend their deepest sympathy to Mrs. Emma Geckler on the death of her son. Herman Geckler was a member of the Sophomore class and his loss will be keenly felt by all.

## Juniors Celebrate Hallowe'en

On Hallowe'en night the Juniors banqueted and performed the usual arduous task of "tearing up the school." The forty members of the class at the Elks, inspired by musicians, acrobats, high-class fare and short snappy speeches to what was expected of them later, met at the Institute about 10:30 to start the ransacking. Particular vengeance was paid to favorite teachers, room 34, the Triple "E" room, and the Civils' hangout being suitably memorialized. They say, and we see by a later notice, that the Chem. Lab. was the scene of much confusion. Also Mr. Bray kindly "loaned" the class a first class coal wagon and to prove the high esteem which every member of the class feels for Fessor McCormick, it was disintegrated and carried up the front steps in suitable portions and re-erected in front of the Applied Mechanics' room, where the "honored one" might view the personification of one desire to emulate handles of coal and so achieve great success in the world.

No longer satisfied at the havoc wrought in the main building, the wreckers, remembering Prof. Knipmyer's prominent signboard on the Electric Lab, splashed a little harmless paint thereon and after a little demonstration to show that the shops had not been neglected, called off a cheap hour and half's amusement at 73 cents each.

### THE OLYMPIA MACHINE-TOOL EXHIBITION AND RESULTS

The Machine Tool and Engineering Exhibition which closes on the date of publication of this issue must be pronounced a very distinct success as a display of engineering tools and products. Some of the technical lessons to be learned by the visitor have been indicated in these columns during the past few weeks.

Whether the success of the show in a commercial sense has been as great is a matter which is still uncertain; in any case it cannot be decided for some little time. Seed has been sown and the future will determine what develops. Undoubtedly some of the firms have met with success as measured in the most direct manner by orders received. Others have extended their circle of friends and acquaintances, the exhibition affording means by which they and their products became better known to potential clients. But it must be confessed that, unless the last few days have shown a very distinct change, a considerable number of exhibitors who judge by orders negotiated will have to regard their success as distinctly qualified.

An exhibition, even if of such a satisfactory character as that of the Olympia display, cannot really stand against a definite trade decline, with all the uncertainties of labor troubles, etc., and this is clearly shown in Germany, as explained on this page, based on information from a correspondent.

At Olympia many of the firms who have expressed themselves satisfied are relatively small or such as may be regarded as newcomers compared with firms whose names among engineers are household words. To these the merchant on the one hand and the small private buyer on the other have proved good friends and it is possibly among exhibitors of this class that the chief successes have been gained.—American Machinist.

### MORE PAY FOR RAILROAD MECHANICAL EXECUTIVES

One of the great weaknesses of the usual method of railroad management is the shortsighted and wholly indefensible policy of under-paying the mechanical executives, from superintendents of motive power down to roundhouse foremen. This underpayment has been so marked as to compel the resignation of good men, men capable of giving most valuable service, in order to secure a living salary in other lines.

There is no more important question before the financial managers of the railroads today than to see that these men are adequately paid. In no other line of work are executives responsible for the satisfactory performance of such huge investments in machinery so poorly compensated for their years of experience and service.

The wages of railway workers as a whole have been raised materially by the strength of their organizations. Is

## Engineers Lose to I. C. A. L. Champs

### Butler Comes Up to Expectations and Takes a Hard Fought Game

### ALUMNI NOTES

A letter recently received from Chas. S. Duddleston '15, states that he has been promoted and transferred from Pittsburgh to Syracuse, N. Y., where he is sales engineer for the Westinghouse Electric and Manufacturing Company.

Visitors to the Institute recently include the following:

Walter Mills, ex-'91.  
Edwin C. Read, '09.

Mills is at present a real estate agent in Chicago, and has put his engineering training into service through specialization in factory and railroad terminal sites. He states that Daddy Logan is the sole remaining familiar figure on the teaching force of the Institute.

Read is in the engineering forces of the Pennsylvania lines and is located in Indianapolis.

### More Gifts Received By the Institute

Dr. White reports the following additional equipment presented to the Institute:

One Bridgeford Quick Change Gear Lathe, 26x9, presented by Claiborn Pirtle, '98, president of the Electric Controller and Manufacturing Company of Cleveland, O.

A No. 3 Foster Plain Head Screw Machine, donated by Fred R. Fishback, '02, sales manager of the Electric Controller and Manufacturing Company.

The two above mentioned shop tools were procured last year through the Salvage Board of the U. S. War Department and upon hearing of the fact of their purchase Messrs. Pirtle and Fishback advised the Institute that they would personally "adopt" one each of the machines.

Rose sadly needs, Dr. White says, an up-to-date moving picture machine. Who among the Alumni will "adopt" this? Many other things are needed as well. Let the plan of adoption proceed! As the Technic says, "All contributions cheerfully accepted."

Meanwhile we all owe sincere thanks to all those who are doing so much in enabling the Institute to improve its equipment.

it good policy to make it plain to all that this is the only way in which just compensation can be secured by those who work for the railways of this great country?

The economical operation of railways depends on keeping their invested capital, in the shape of rolling stock, in operation as large a percentage of the time as possible. Five years ago N. D. Ballantine stated before the Western Railway Club that the locomotives were in the hands of the mechanical department for repairs 58.5 per cent of the remaining time. And further that only 36 per cent of the remaining time was spent in actual running over the roads.

Can we expect executives who are so underpaid that living expenses are uppermost in their mind to greatly increase this percentage?

The mechanical executive, whether he be roundhouse foreman or shop superintendent, must be aided and encouraged to increase the revenue obtained from the capital invested in rolling stock. New machinery and new methods, often new shops themselves, are necessary in many places. The first step, however, is to pay an adequate salary. This, with a proper tool equipment, will tend greatly to reduce the cost of operation by keeping locomotives more continually on the job.—American Machinist.

—F. H. C.

Prof. Brown (after a freshman had made a translation in French)—Don't you use an article with "soup"?  
Bundy—Yes sir, a spoon.

Aided by the old Rose jinx Butler handed the Rose and White team the short end of a 35-7 score before one of the largest crowds of the season. Three of Butler's touchdowns were the direct results of fumbles made during the first quarter which was marred by the loose playing of the Engineers. With the score 28-0 against them Rose braced and opened up with the best brand of football they have displayed this year. Good as the Christians were if it had not been for their lucky start the Rose machine would surely have been victorious. The game was hard-fought and clean throughout, although a riot was narrowly averted in the final quarter when Captain Joe Engelhard was fouled by a Butler man. McClafflin, playing right half-back for the Christians, puzzled the Engineers on numerous occasions and tore off several big gains, once going seventy yards through the entire Rose team for a touchdown. With the exception of the first quarter the Rose forwards outplayed the Butler line and time after time opened up great holes for their backs, although Dutenhoefer, center, and Brown, tackle, played good football for the winners. Captain Engelhard gained consistently and with Roll and Dix as running mate battered the Christian line in a manner which ought to spell defeat for Normal next Saturday. "Al" Standau was in every play and the big boy made some of the most spectacular tackles ever seen on Rose field. "Head" Gray, McDargh, Reinhardt and Moses played hard and showed a world of fight. Rose tried nine forward passes, two were completed, two were fumbled, two were intercepted, and three were knocked down by Butler men.

### First Quarter.

Dutenhoefer kicked off to Standau who dropped the ball when tackled on his 20 yard line. A Butler man immediately scooped up the elusive pigskin and in six plays, using a baffling line shift, Pat Page's warriors made their first touchdown. Rose was held for downs after the kickoff and Reinhardt punted 50 yards to McClafflin, who, with runs of 30 and 20 yards, carried the ball to the eight yard line where it took the Butlerites four plays to register again. Dutenhoefer kicked another goal, making the score 14-0, Butler, Offutt replaced Steffan at end. Engelhard fumbled on the kickoff, the ball being recovered by a Butler man who romped over the goal line. Butler, 21; Rose, 0. Engelhard returned the next kickoff and Dix made 10 yards through the line. Reinhardt's pass was blocked as the ball left his hands and was recovered by Anderson who had a clear field before him. Dutenhoefer kicked goal. 28-0. Reinhardt returned the ball thirty yards on the kickoff. Engelhard made eight through the line and Dix added twelve more around end. Three more long gains through the line put the ball on Butler's 2 yard line.

### Second Quarter.

Dix was tackled ten yards in back of his line. Butler was penalized five yards and then took the ball on downs. Forsythe returned Graham's punt. Rose tried two passes, the first, an easy catch, was fumbled and the second was intercepted. Butler pass blocked and Graham punted to Dix. Engelhard made gains of twenty and ten yards on line bucks and then caught a thirty yard forward pass. Forsythe went through center for seven and Engelhard went over for a touchdown. Ick kicked goal. Butler, 28; Rose, 7. Butler made three first downs, each time by inches. The Rose line was fighting hard and stopped the Butler attack as the whistle blew.

### Third Quarter.

Conover substituted for Dix. Butler held and Reinhardt punted to Graham who was downed on his twenty yard line. On the next play McClafflin tore loose and registered another Butler marker after a run of seventy yards. Butler, 35; Rose, 7. Butler carried the ball to the ten yard line where they lost the ball. Engelhard made 20 through tackle. Conover and

Continued on Page 2, Col. 2



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## ROSE-NORMAL

Judging from the write-ups appear-  
ing in the daily papers Normal seems  
to be rather confident of beating the  
Engineers next Saturday. Normal stu-  
dents are wearing tags bearing the in-  
scription "Beat Rose" and are making  
extensive preparations to celebrate the  
expected victory. A few have had the  
nerve to place bets at 2 to 1 and even  
3 to 1 odds on Normal.

Normal is due for a fall and they  
are going to take it Saturday at Ath-  
letic Park. One thing is certain; both  
teams are going into the game with  
that "do or die" spirit and a good fast  
game is assured.

Everybody be there. Get in the  
rooters' section and root for the team.

The Technic wishes to thank every-  
one who has contributed to this or to  
past issues. A large number of jokes,  
Goboon items and other articles have  
been received. The majority of these  
were very good and have been used.  
We have received a few articles that  
we were unable to use. The fellows  
who contributed these should not feel  
discouraged but should try again. Be  
sure to sign all articles and if a joke  
is taken from another publication to  
give credit to that publication.

## AMBITION

You are ambitious; so is most ev-  
erybody. You would like to achieve  
fame, to be a captain of industry or  
maybe it is a pirate captain, but any-  
way you desire to be something which  
you are not at the present time. But  
to most of you your ambitions are not  
real. They are castles in Spain, only  
material for dreams, unattainable.

How many believe in their ambition,  
actually believe in their ability to make  
it a reality? One in a thousand. How  
many succeed in attaining their goal?  
Just about that one in a thousand.  
They succeed because they believe  
they can and if you have faith in your-  
self and are willing to put all your  
effort toward achieving your purpose,  
if it becomes as necessary for you to  
succeed as to have food and clothing,  
you will succeed.

There are many varieties of ambi-  
tion. If the ambition is small, its re-  
alization is an easy matter. When  
you desire a glass of water, it is or-  
dinarily easy to secure one. It would  
be rather nice if the accomplishment  
of all ambitions were as easy. But  
the desire for that glass of water  
would not usually be classed as an  
ambition.

It is because real ambitions are not

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easily satisfied that so few realize  
them. That little demon "hard work"  
pops up and says you will have to deal  
with him first. And right away nine  
hundred and ninety-nine ambitions be-  
come nothing more than little wishes  
without any pep, just something nice  
to think about. It's the thousandth  
one which tackles Mr. Demon, throws  
him hard and then makes a team mate  
of him, a sort of side partner.

You men here at Rose Tech want  
to become good engineers, big execu-  
tives or business men. No man ever  
became one of these by dreaming  
about it. He had to work, work hard,  
and fight, to get to the point where  
he could say, "I have arrived." That  
does not mean that it must be all work  
and no play. It just means that the  
play part must come second. The man  
who can play but is not afraid to work,  
who believes in himself and his am-  
bition is the one who will deliver the  
goods and get the reward.

Get on to yourself. If you have no  
ambition, find one. If you have, look  
it over, examine it carefully. Is it  
worth while, is it big enough? Is it  
practicable? Have other men ever  
done it before or could it be done by  
someone now? If so, you can do it,  
because you can do what others have  
or can do.

If you are afraid of the hard work,  
if you are content to be a mediocre  
draftsman, or chemist or levelman,  
then you're nothing but a quitter and  
even though no one else calls you one,  
you will know it is true.

Is anyone willing to be called a  
quitter? No? Then start today on  
that road to success which leads to the  
fulfillment of your ambition.

## ROSE VS. BUTLER

Continued from Page 1

Forsythe seven yards apiece and Rein-  
hard eight yards. Ick made eight  
more on a split and then tried a for-  
ward pass which Graham intercepted.  
Fourth Quarter.

Dix replaced Conover. Rose took  
the ball from her twenty yard line to  
the middle of the field. Another pass,  
Reinhard to Engelhard, netted twen-  
ty yards more. Butler held and Rose

kicked. Krausbeck intercepted a But-  
ler pass and Rose advanced to the ten  
yard line but lost the ball on a fum-  
ble. Butler punted out of danger and  
Rose had again started down the field  
when the whistle blew.

## Rose Poly (7)

Moses ..... L.E. .... Leslie  
Standau ..... L.T. .... Brown, Capt.  
Cray ..... L.G. .... Moore  
McDargh ..... C. .... Duttonhoefer  
Krausbek ..... R.G. .... Anderson  
Harris ..... R.T. .... Hungate  
Steffin ..... R.E. .... Mowery  
Forsythe ..... Q. .... Graham  
Dix ..... L.H. .... Stephenson  
Englehard, Capt. R.H. .... McClafflin  
Reinhard ..... F. .... Kiser

## Butler (35)

Score by periods:  
Butler ..... 28 0 7 0-35  
Rose Poly ..... 0 7 0 0-7

## Substitutions.

Rose Poly—Offutt for Steffin, Con-  
over for Dix, Dix for Conover, Tag-  
gart for Dix, Dedert for McDargh, Jos-  
lin for Moses.

Butler—Sanders for More, Leach for  
Sanders, Moore for Leach, Middles-  
worth for Mowery, Bastain for Kiser,  
L. Duttonhoefer for Graham.

## Scoring:

Touchdowns—McClafflin (2), Gra-  
ham, Leslie, Anderson, Englehard.

Goals from touchdowns—Dutton-  
hoefer (5), Reinhard (1).

Officials—Referee, Davis, Princeton.  
Umpire, Maloney, Notre Dame. Head  
lineman, Ingersoll, Dartmouth.

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# The Technic Dance

After Normal's  
Downfall

K. of C. HALL

9:00 P. M.

November 20

Rose Engineers - - \$1.25

Others - - - \$1.50

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smelling inks and adhe-  
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## FRATERNITY NOTES

### THETA XI NOTES

The first house dance of the season  
was held on Friday, Nov. 5. Eight-  
teen couples attended the affair. The  
fine music and the good time enjoyed  
by everyone who attended made the  
dance a great success. More house  
dances will be held in the near fu-  
ture.

Brother Bob Skinner of Zeta Chap-  
ter and president of the Theta XI Club  
of Indianapolis was a guest of the  
chapter on Saturday 6th.

Brother W. C. Woodling was a guest  
of the chapter last week.

### FINDING DECIMAL EQUIVALENTS ON THE SLIDE RULE

(By William H. Kellogg)

The numerous and diversified meth-  
ods employed for keeping decimal  
equivalent tables in a handy and con-  
spicuous place only tend to emphasize  
their importance. The application of  
the slide rule in this connection has  
been found very useful to the writer,  
inasmuch as at some times and places  
tables do not happen to be convenient-  
ly posted.

It is to be supposed that everyone  
making frequent use of the equiva-  
lents will have memorized the decimal  
values of all of the fractions as small  
as the eighths, and possibly some of  
the sixteenths and thirty-seconds. It  
will be noted that the fourths have  
two figures after the decimal point,  
the eighths three, the sixteenths four,  
the thirty-seconds five and the sixty-  
fourths six. To further aid the mem-  
ory, observe that all of the decimal  
equivalents end with 5, and that the  
last two figures must either be 25 or  
75. The last three figures will always  
be arranged as follows: Preceding 7  
will be 3 or 8 and preceding 2 will be  
1 or 6. If this rule be remembered,  
it will be observed that in obtaining  
the result on the slide rule the last or  
end figures can be supplied mentally.

For example, to find the decimal  
value of 13-16, set the runner on 13,  
bring 16 on the slide to coincide and  
read the result, which is 0.8125. The  
0.81 of course, appears plainly and the  
25, the end figures, are supplied. Tak-  
ing 19-32, the result reads 0.59+, and  
the third figure looks as though it  
might be three or four. Knowing that  
all thirty-second equivalents have five  
places, if the third figure in this case  
were four, the final two figures would  
not follow in the sequence, as ex-

plained by the foregoing rule; but if  
the third figure is 3, then the rule is  
complied with and the last three fig-  
ures are 375, making the decimal  
0.59375.

To obtain results in sixty-fourths, it  
is necessary to follow the first rule  
concerning the three figures and to  
know another preceding figure, which  
may be memorized or not. The ending  
sequence run as follows:

|      |      |
|------|------|
| 0625 | 5625 |
| 1875 | 6875 |
| 3125 | 8125 |
| 4375 | 9375 |

To find 37-64, read the result on the  
slide rule, it being 0.57+, the third fig-  
ure appearing so close to 8 that we  
must conclude from the table that the  
end to be supplied is 8,125, hence the  
complete decimal 0.578125. If you do  
not remember the figures of the table  
here given, all you have to do is to  
find the equivalents of the sixteenths  
by reading from the slide rule, the  
same as in the first case. It will be  
noticed that the sequence of four fig-  
ures given correspond to the decimal  
equivalents of the sixteenths, as 13-16  
= 0.8125. The equivalent of 41-64  
would appear on the slide rule to be  
0.64, but by following the method given  
the result will be 0.640625.

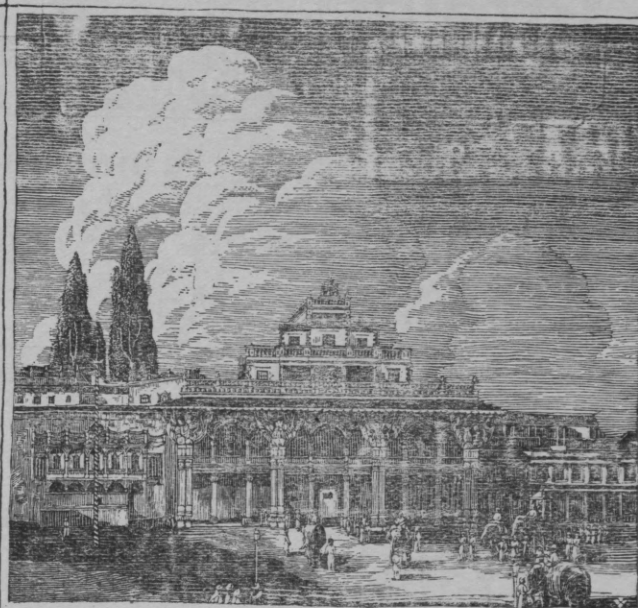
Another very useful application of  
the slide rule to decimal equivalents  
is the inverse of the usual procedure.  
Suppose a calculation has been made  
for a shaft of a certain diameter, the  
final result being a decimal. The  
nearest size in sixteenths of an inch  
is usually desired. Setting the index  
of the slide to the decimal given, the  
numerator of the fraction can be read  
under 16. If the decimal of the cal-  
culation is 0.67, the result opposite  
16 on the slide rule is approximately  
10.7, the nearest integer being 11, so  
that 11-16 would be the fraction used.  
Or, if it is desired to get the closest  
result down to a sixty-fourth, the re-  
sult, read under 64 on the slide, would  
then be 43-64.

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## Differentials

### Oh Shoot!

Fessor Thomas—How many of the class want to take a trip to the cement plant in Greencastle? The fare is somewhere between Greencastle and Brazil.

Son—Say, pop, what is Newton's law of gravitation?  
 Pop—It is—let's see—hem! Newton's law of gravitation is, what is it now? (Suddenly relieved.) That's a foolish question, son. That's no such thing any more since Einstein's discovery.—Science and Invention.

Dan Cupid is a marksman poor,  
 Despite his love and kisses.  
 Though always at the mark he aims,  
 He's always making—Mrs.  
 California Tech.

Mary had a little lamp,  
 It was well trained, no doubt;  
 For every time a fellow called  
 The little lamp went out.  
 —Ex.

Johnny had a little flask  
 Resting on his hip;  
 And everywhere that Johnny went  
 He'd take a little nip.

Clark (at Rockville)—My dear, I hope you did not take offense.  
 She—Yes, I did, and I'm going to give you the gate.

During football practice one evening a Tech team man tackled Reinhard around the head. Gilbert considers him a great find as a high jumper for the track team.

### Mid Terms.

The mid-terms come around again  
 To cause us lots of work,  
 And make us study up the stuff  
 That we've been wont to shirk.

The most of us just drift along  
 From when we're first enrolled,  
 Until about Thanksgiving Day,  
 When mid-terms knock us cold.

"What is a mid-term, anyhow?  
 And how long does it last?  
 How many questions do you have?"  
 The verdant freshmen ask.

"Tut, tut!" some upper classman says,  
 "Don't worry now, no, no.  
 Just wait until you've had a few,  
 And then you'll surely know."

"Don't fret about what mid-terms are,  
 Or how long they endure;  
 For when you're through with them,  
 you'll be  
 Most absolutely sure."

"So my advice to you is this:  
 Just burn the midnight oil,  
 And hope at least a sixty will  
 Reward you for your toil."

"For if on mid-terms you should fail,  
 And that's no joke at all,  
 The finals you might flunk as well,  
 And take the 'con' next fall."

Prof.—The earth in its revolution  
 wabbles on its poles.  
 Bledsoe—It needs new bushings.

**For Seniors Only.**  
 Walker (in Thermo)—What does a  
 Carnot Engine look like?

## THE GOBOON

VOLUME II.

All Contributions Cheerfully Received

NUMBER 2

### New System to Be Inaugurated.

The members of the Junior class are at work on a system whereby each student will be assigned a number painted on a large piece of cardboard. This numeral will correspond to one appearing opposite his name on the professor's roll and the student must wear the sign in a conspicuous place on his person so that he can be readily identified. Such a procedure is deemed necessary to prevent a repetition of the incident which took place in the Economics class recently. At roll call Mr. Ernest Danner, as would naturally be expected, answered present when his name was called but Professor Brown, evidently surprised that Danner should be present and thinking that he was being tricked, asked why he had answered for Danner. Of course, "Ernie" remonstrated that since that was his name he had thought it only proper to answer to it. However, the professor was still dubious and it was not until Robert Hartough had identified the young man as Danner that he was thoroughly convinced. The other members of the class saw immediately that some means of identification must be devised so the above mentioned scheme or a modification of it will no doubt be the result.

### Marvelous.

Quite a peculiar incident took place at last week's Journal Review. Bed chick had been taken and both Dedert brothers had apparently answered present, when who should appear but the elder of the two, W. R. Dedert. Prof. Child was at first dumfounded but soon recovered his usual composure and frankly admitted his suspicions of the other brother, "Dusty." When questioned, "Bill" said that he regretted very much having caused so much confusion but excused himself by saying that he had forgotten that it was his day to stay at home.

Since the cancellation of all burlesque contracts by the Grand Theater, several Rose students will find it necessary to seek some other form of amusement on Sunday afternoons. Prominent among these are Carnarius, 21, C. B. Wilson, 22, Johnson, 23, and Reddy, 24, who, it is rumored, have been regular Sunday afternoon patrons.

The Senior Mechanicals report that "Art" Rosenbaum reported for classes last Thursday wearing a necktie. It is thought that the cold weather necessitated this addition to his attire. His classmates are of the opinion that he will be wearing a white shirt to school next.

A novel feature of the Pride of Akron's Organic class last week was a chewing gum race, the leading contestants being Suttie, Price and Henderson. Although Price was high man in the number of molar oscillations per second, first prize was awarded Henderson on account of the rare form

he exhibited. Suttie, the favorite, was disqualified, as the Beechnut he was chewing was not of the prescribed chicle variety.

According to the local newspapers, Indiana State Normal is thoroughly prepared for the big Normal-Rose football game next Saturday. All of the players who were injured in the hard Merom game of three weeks ago have completely recovered and are now ready for the slaughter. The rooting contingent also is anticipating a big day. The girls' chorus has been rehearsing for the past two weeks and will sing all the well-known Normal songs in addition to a few imported from Jasonville. The male rooters' club under the able leadership of Harry Kinkle has also been practicing up all of their yells and promise to surpass all previous efforts in this line.

John D. Jackle, prominent sophomore gamester, is credited with the authorship of more unique absence excuses than any man in school. Last week, when called on to account for a two day vacation, he is said to have told Dr. White that his absence was on account of illness brought on by worry over the result of a disastrous crap game which left him entirely destitute. After signing the excuse, Dr. White advised the young man to use more discretion in future ventures of the kind, and, if necessary, to play 'em a bit closer.

Earlier in the term, he is said to have been confined to his home for nearly a week. For this absence from school he offered the excuse of a severe cold brought on by standing in front of the telephone office one night in a hard rain waiting for 10 o'clock and the girls which that hour always brings forth. He was not able to get this absence excused, because, as Dr. White pointed out, he should not have been so careless as to be out without his rubbers, etc.

A very serious accident occurred in machine design last Wednesday. Rosenbaum, after completing a design of a power punch, fell asleep on the drafting board and during his hybridation, his working drawing, which was so realistic, started in motion and caught the unfortunate victim's right hand, mutilating it seriously. Fortunately as it was, for if it had been his head, the machine would have been damaged greatly, due to the fact that it was tested to stand only 1537 pounds per square inch and ivory far exceeds these figures.

We notice that the Electric Lab. roof has been washed off. Doubtless, preparations are being made to put another sign on it.

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