



"COMPTOMETER"
NEWS

"COMPTOMETER" NEWS

REG. U. S. PAT. OFF.

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"It's your deal"

THE next time you deal a deck of cards in a friendly game of bridge, hearts, black-jack or poker, just bear in mind that your guests are indulging in a pastime which is probably older than any other form of entertainment known to mankind. This pastime goes so far back into history that it reveals facts of an astounding nature. Yes, the game is so replete with history and tradition that only a very limited description is possible in this article.

It is difficult to state with any certainty just when and where playing cards originated. The Chinese are to be given credit for having used the earliest form of playing cards—their playing cards consisted of hand-carved bamboo and ivory sticks upon which were shown characters that were used in a manner comparable to those we now use on our modern playing cards. Perhaps even in those distant days the game played may have been called "Fan-Tan." If this supposition is correct then "Fan-Tan" is probably the world's oldest game, because history shows us that the Chinese were card players as far back as 300 to 400 years B. C.

There is no authentic record which shows how card playing eventually came into existence among the Hindus and Egyptians. Their form of playing was entirely different from that of the Chinese, and there is no apparent connection between the various card games of these nations. The Egyptians undoubtedly made more practical use of their playing cards than any one had previously done, because

the early Egyptian priests used them as calendars in quite an extensive manner. Tradition and factual data as to their methods of using these cards for calendar purposes are described briefly in the following paragraphs.

A very interesting and historical account of the uses made by the Egyptians of the ancient playing cards appeared in a recent article written by Samuel Zovello and published in the Journal of Calendar Reform. This article is the result of research undertaken by Mr. Zovello for the World Calendar Association.

"Knowledge of the calendar," he says, "was the exclusive possession of the Egyptian priesthood, and was carefully guarded as a religious secret by a sect of priests who were known as Keepers of the Days. They were the only ones who knew when to anticipate the rise of the River Nile, on which the life of Egypt depended. They alone knew when to give warning to the populace so that it could take to the hills for safety.

KEPT MASSES IGNORANT

"These priests kept the untutored masses ignorant of the calendar, and thus fostered the belief that the priesthood possessed supernatural powers of divining the future.

"The priestly calendars were kept on cards, each card representing a week. This was done partly for convenience, and partly as a protection against theft. If one card was lost or stolen, the new possessor could not benefit much from the



Smilin' Through

*I work with a feeling of quiet content,
And not at all like the rest,
There's never a shadow of frown on my brow,
For my work is done with zest.*

*At the break of day I am up with a start,
Just as happy as can be.
In Spring or Summer, or in Winter or Fall,
It's all quite the same to me.*

*For ratios, summations, divisions and all,
They never can make me blue.
And no matter at all what the task may be,
I'm always sure I'll win through.*

*As the shades of night are now quietly drawn,
And my work is laid aside,
There remains that feeling of quiet content,
Close mingled with glowing pride.*

—JACK HOBART

information it contained. Only with a complete pack could he know the secrets of the priesthood.

"After many centuries, however, complete packs came into the possession of unscrupulous charlatans, who used them for fortune telling. The people who used cards for this purpose wandered over the world and became known as 'gypsies', this being merely a corruption of 'Egyptians'.

"The earliest Egyptian card calendars were in sets of four, representing a four-week month. They bore hieroglyphic signs, the first week being indicated by a cup, the second by a star, the third by a spearhead, the fourth by a spade. The origin of these emblems is associated with the Egyptian belief that the universe was composed of four elements—water, earth, air and fire. The cup was for water, the star for earth (because the heavenly bodies were supposed to control all earthly activities), the spearhead for air, and finally for fire the small shovel used for handling fuel in homes and temples.

EACH BORE SIGN

"Each of the months bore a hieroglyphic sign derived from some outstanding Egyptian personality, either mythical or factual. Finally, the Egyptian season paid tribute to Osiris, Isis and Horus, their son. When the figures of Osiris, Isis and Horus were drawn on the papyrus card calendars, all their attributes were included, as well as the marks and symbols which served to indicate their power and position.

"In the evolution of these card-calendars into our modern playing cards, marks and symbols have been frequently altered, but those used today adhere with a remarkable fidelity to the original Egyptian models. The Egyptian five-



pointed star was replaced by the French fleur-de-lis, now the club—but examination of any club card will show that it really is still a pentacle, each of the small circles and the two points of the base making it actually the equivalent of a five-pointed star. The sword or spearhead has been simplified into a diamond. The spade is retained, and the cup is now a heart, owing to a curious misinterpretation of the old French word for chalice, 'chorur', into 'coeur' or heart.

"Among the court cards, the jack is Horus, who still in clubs and diamonds holds the measuring rod with which he was supposed to measure the rising of the Nile; in spades he holds the hour-glass, for he was the god of time in old Egypt; in hearts he holds a leaf, originally a lotus. The Queen of the playing cards is Isis, goddess of Spring. The King is Osiris, god of the harvest, and his four cards represent the four glorious months of his season in the ancient Egyptian calendar.

CALENDAR LORE IN CARDS

"There is plenty of calendar lore in a pack of playing cards. Adding the value of all cards or pips—that is, ace, 1; deuce, 2; jack, 11; queen, 12; and king, 13, gives 364; the joker brings the total to the required 365 days of the year.

"The suits composed of 13 cards each are derived from the 13 lunar months in the primitive and pre-historic Egyptian calendar, rejected at a later period by Egyptians for a more scientific and divisible calendar of 12 months. The alternating black and red colors of the cards came from the papyrus calendar segments, which were colored to differentiate the weekly sections of the calendar. The two-way design on the face cards represents the divisions of day and night."

The modern playing card dates back to the days of Louis the XIV of France. Tradition tells us this monarch had become bored with his favorite court jester because he had ceased to be able to amuse him. One day in an unusual fit of temper the King berated his jester roundly and concluded with an official mandate that within 24 hours a new and original form of amusement would have to be devised—failure meant the loss of the jester's head on the guillotine. Having the fortune of an active and fertile mind, the jester worked out innumerable card games with royalty as a basis, from which the present form of playing cards came into existence. In that era the playing of cards was confined solely to royalty and woe to him (outside of the royal purple) who was even found with a deck of cards in his possession.

The only change that has taken place in the appearance of the face of the present playing card since the time of Louis the XIV is the double ended design of the characters. Originally the characters were designed to appear singly, which, of course, made it necessary for each player to arrange the cards in order that all of the characters would appear at the top. Prior to 1864, playing cards had no indexes printed upon them as they have today. They just had spots to show the value of the card and for those players

who were not constantly using the cards it was necessary to count the spots on each card in order to obtain the playing value of the individual card.

There are at least 300 of the better known games of cards as played throughout the world today. To this amount may be added those innumerable card games which originate in various localities and have become as popular there as bridge and other accepted games throughout the country at large. The use of playing cards is on a gradually increasing scale. The greatest increase has taken place during the past 10 or 15 years. This increase was undoubtedly caused by the popular appeal to the masses of auction and contract bridge. Whist is the ancestor of modern contract bridge. The English played it as early as the 17th century.

Some idea of the popularity of games made possible by means of playing cards may be found in the fact that over 40 million packs are manufactured annually for home consumption, with an additional 5 million for export purposes. Playing cards are exported to every civilized country of the world and it's a matter of record that the United States is the world's largest producer. The next time you deal a deck of cards in your favorite game remember that they represent history of an ancient vintage with religion, royalty, and science closely interwoven.



The Comptometer Ladies' Bowling League. The league consisted of four three-member teams from the factory. The Timekeeping team finished in first place.



TUNING IN

Flint, Mich.

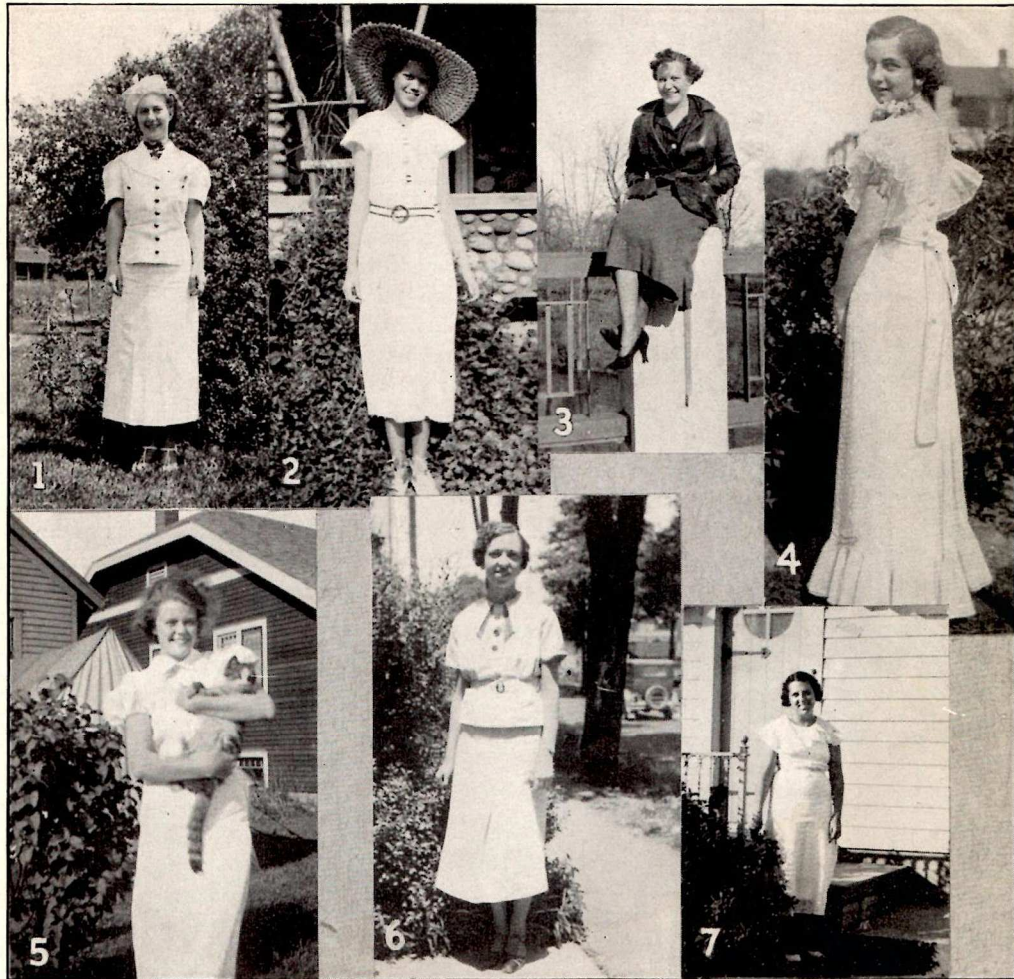
This marks the first appearance of the Flint school in the Comptometer News.

About a month ago one of the students made a remark to the effect that she didn't think it possible for a student who had never operated a Comptometer before attending school

to add 100 columns correctly in an hour. This started a general discussion, the outcome of which was that the girls decided to set their goal at 100 correct columns an hour before completing the course.

The youngest girl in the

class, seventeen year old Winnie Clarke, was the only one to reach this mark. The other girls finished with the following results: Ruth Marshall, 89; Pauline Lawther, 88; Lily Williams, 86; Doris Powell, 85; Marjorie Schade, 83. and Helen MacIntyre, 81.



1. Marjorie Schade 2. Lily Williams 3. Dora Powell 4. Ruth Marshall
5. Winnie Clark 6. Pauline Lawther 7. Helen MacIntyre



R. A. TAYLOR
WASHINGTON, D. C.



T. J. LA POINTE
MONTREAL



WESLEY WARNOCK
HARTFORD



M. H. BRASWELL
ATLANTA



T. C. MONKS
CLEVELAND



F. R. AMMON, JR.
NEWARK

A group of young men who have recently joined our organization ... all of whom aspire to become future Comptometer salesmen ... at present employed as instructors in Comptometer schools.

Here's Good Luck to them



PALMER JOHNSON
INDIANAPOLIS



N. R. ANDERSON
PITTSBURGH



CHAS. McDONALD
PITTSBURGH



THEODORE PARKER
BIRMINGHAM



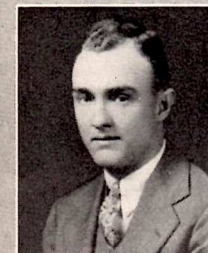
CORDES DELWORTH
ST. LOUIS



PAUL BANCROFT
ST. LOUIS



JACK A. WOLFE
TOLEDO



H. G. HERSHEY
COLUMBUS



R. C. DARLING
OMAHA



ROY A. KUENZEL
DETROIT



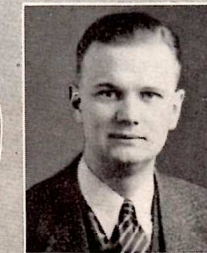
B. C. STAFFELD
DETROIT



L. P. WHITTEMORE, JR.
BOSTON



R. N. MOYER
HOUSTON



F. L. MICHELSEN
SALT LAKE CITY



NELSON ROBINSON
YOUNGSTOWN



NORMAN SATTUM
CHICAGO

St. Louis, Mo.

Good old St. Louis has always gained its share of glory in the field of athletics, but this is the first time we have had a winner in a big swimming contest who was a Comptometer operator.

Ruth Moss not only stroked under the wire ahead of the other contestants, but a big list of very notable judges said she was about the best-looking someone they had ever seen. The contest was held for the purpose of raising funds for the Olympic teams. Miss Moss is employed by the Simmons Hardware Co.

The Comptometer Bowling League gets under way September 15th. Forty of the very best are entered and a hot finish is predicted, as well as some enjoyable evenings. Come on over to Rogers and root for your favorites—any Tuesday evening at five-thirty.

The terrifically hot weather we have had of late does not seem to have affected the activity of the "love birds," for we understand they are working overtime on a number of our Comptometer operators at

the Cotton Belt Railroad, Shell Petroleum Corp., Great Atlantic & Pacific Tea Co.; Kroger Grocery & Baking Co., the Missouri Pacific R. R. and the Missouri-Kansas-Texas R. R.

Helen Parker, former supervisor in the Accounting Department at the Shell Petroleum Corp. was married on July 29th to Mr. Victor Zeppenfeld. Martha Swehla, also of Shell Petroleum has named October 17th as the date of her marriage to Mr. Albert Rubinstein. Good luck and much happiness!

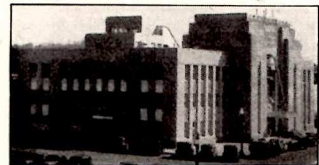
Ruth Moss



Syracuse, N. Y.

On September 24, 25 and 26, a memorable event in the history of Syracuse was celebrated—the completion of the new railroad station and track elevation. No longer will steam trains run through the streets of the city.

All operators who know Miss Schmidt, our instructor, will be pleased to learn that she is recovering nicely from her recent operation. Miss Schmidt expects to be back to work within a few weeks. Temporarily her position is being filled by Mrs. Doughitt and Mr. Van Dyke.



The new railway station

Indianapolis, Ind.

The weather in Indianapolis, as elsewhere, has been exceedingly warm this summer. High temperature records have tumbled day after day before the onslaught of the drought and Old Sol.

In order to ease the discomforts of our students we have held three swimming parties. One took place at a local amusement park where there is an excellent pool; the other two swims were held at the Antlers Club.

Miss Eileen Barker, instructor of the Indianapolis Comptometer School for the past three years, has become Mrs. Kenneth Moore. The wedding was beautifully solemnized on May 15th, and the happy couple is now living in Terre Haute, where Mr. Moore is employed.

Birmingham, Ala.

We were glad to welcome Mr. and Mrs. R. E. Green back after their vacation in Texas where they visited the Dallas and Fort Worth expositions. We say "vacation," but Mr. and Mrs. Green would hardly call it that as most of their time was spent recuperating from a serious automobile accident they had en route. They are well on the way to recovery and will soon be back to normal, except for the harrowing memories.

We announce with pleasure the addition to our day school staff of Mr. Theodore Parker, as chief instructor.

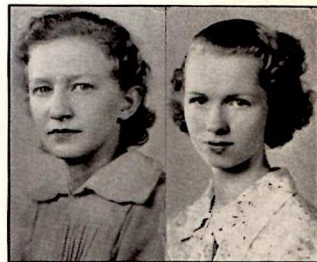
Considering the size of our school, we believe we have placed as many operators on jobs since the first of the year as any of the other Comptometer schools. Over half of our placements have been on permanent jobs.

We get a great "kick" out of working the problems on the back page of the Comptometer News, especially those with "catches" in them.

Toledo, Ohio

Elaine Vermaas and Marion Ritter are recent students who now have permanent positions. Miss Vermaas is employed by the American National Co. and Miss Ritter by the Bunting Brass & Bronze Co.

Cupid recently claimed two more victims from the ranks of our graduates, in Undine Barkholt and Dorothy Schuldt.



Marion Ritter Elaine Vermaas

Wichita, Kans.

Improvement in business conditions is reflected in the increased demand for Comptometer operators in Wichita. Following are some of our recent placements:

Louise Owens, Bridgeport Machine Co.

Verda Holloway, Jacob Dold Packing Co.

Joe George, W.P.A. at Hays, Kansas.

Fern Shields, Red Star Milling Co.

Ruth Hulse says she likes her position at the Coleman Lamp and Stove Co. because Peg-Board work is such fun.

Mrs. Thelma Buck, formerly an operator at the Jacob Dold Packing Co., has moved to Salt Lake City.

★

Davenport, Iowa

The picture shows some of the students of the Davenport School on their recent visit to the U. S. Locks and Dam between Davenport and the Rock Island Arsenal. The tour was conducted personally by the Superintendent of the Dam, and consisted of a trip through the Control House and Power Plant, as well as a visit aboard the U. S. S. Ellen, a Government boat.

We extend a welcome to Mr. F. Miles Magnuson, our new general sales agent, who recently came to Davenport from Chicago.

Miss Elaine Eggert, a recent graduate, completed her course in eight weeks. She is now employed by Sunlight Produce Co.



Visiting the locks and dam

Cincinnati, Ohio

Cincinnati radio fans are well acquainted with the talents of the Hornberger Trio, comprised of the Misses Marion, Elmira and Matilda Hornberger. Marion is a graduate of our school and is now employed at the Procter and Gamble Co. in downtown Cincinnati.

We welcome the Kocher twins, Margaret and Marion, to our school. Although we have had sisters attending our school together, we have never before enrolled twins.

Young men operators are rapidly becoming popular in Cincinnati—we have noted a steadily increasing demand for their services.



The Kocher twins Margaret and Marion



The Hornberger trio Marion—left Elmira—center Matilda—right

Charlotte, N. C.

Mr. Hollingsworth and family spent their vacation in Dallas, Texas, where they visited with relatives and also made the rounds of the Texas Centennial.

Miss Mary Dove, Comptometer operator from Washington, D. C., dropped by the office to report that she is getting along fine—also that wedding bells will soon be ringing. She has our best wishes.

Miss Vivian McGraw has returned from Greensboro where she was temporarily employed by the Meyers Department Store.

Mrs. Elizabeth Hardie Fry has accepted a position with Marshall Field & Co. at Spray, N. C.

Now that the fall season has arrived, the Comptometer Club is planning on a duck dinner at the home of Mr. Hollingsworth. Here's hoping his trusty scatter-gun does not fail him again.

★

Beaumont, Texas

The day after he finished his course, Jack Craig accepted a position with Kelly's Dairies, where he is doing Comptometer and general office work.

Miss Mildred Fulgham, a student in the night school, has returned from the Centennial celebrations in Fort Worth and Dallas.

Miss Lettie Long went to work August 22nd in the Accounting Department of the Gulf States Utilities Co.

Miss Marie Dupuy, a graduate of the Beaumont school, is now employed by the Houston Power & Light Co. at Houston, Texas.



Jack Craig

Washington, D. C.



The Comptometer School at Washington, D. C.

In anticipation of a busy fall season the Washington Comptometer School has undergone a complete renovation. What with fresh paint and a new arrangement of desks, it seems to have grown in size as well as attractiveness.

We are pleased to announce the appointment of a new instructor in our day school, Mr. Robert Taylor of San Antonio, Texas.

Mr. Lane has acquired a new hobby which is second only to his golf. He is now enter-

taining his friends with movies of his own making. We are most anxious to see the movie that he made recently of the school. The students were quite flustered at the unexpected opportunity to appear in the celluloid.

Mrs. Carr, Mr. Lane's secretary, has just returned from her vacation in California, and is entertaining us with stories of the many interesting places she visited.

Mrs. Crossman, who formerly taught in our school, is now

employed by the W.P.A. on Special Project work in connection with the coal mining industry.

The latest news from the Federal Power Commission is that two of our Washington school graduates have been married recently. The former Miss Frances Robertson is now Mrs. Godfrey Runaldue, and Miss Nancy Richerson is now Mrs. W. V. Wells. We take this opportunity to wish them every happiness.

Cleveland, Ohio

Tragedy overtook a former Cleveland Comptometer operator when Mrs. Luella Uhl and her husband lost their lives while on vacation in northern Michigan last July.

Together with another couple, Mr. and Mrs. Lauren Keil, they had ventured out into the lake in a flat-bottom rowboat. A sudden squall upset their tiny craft and swept them into the water, with the result that all were lost except Mr. Keil.



Denver, Colo.

Martin Bros. Co., Traffic and Statistical Dept., Cecil Busch, Dorothy Misic, Jennings Miller, Gladys Buech, Mildred La Bonte, Jeanne Whittenburg, Jean Welty and Lois Kline.

Wheeling, W. Va.



Group of clerks from the general office and the metal cap factory of the Hazel-Atlas Glass Co. This class was conducted one night each week in our Wheeling school, by Miss Woodhall, teacher, and Mr. Rubinsack, field instructor.

Dallas, Texas

Among the four million people from all sections of the country that have already visited the Texas Centennial Exposition have been numerous members of the Comptometer family. We have enjoyed visits from Mr. L. J. Pattishall, Assistant Sales Manager, Mr. Davis of New Orleans, Mr. Cullom of Memphis, Mr. Hollingsworth of Charlotte, and Mr. Green of Birmingham.

En route to Dallas, Mr. and Mrs. Green were the victims of

a quite serious automobile accident, but we are glad to say that both have recovered nicely.

Mr. A. C. Foster, salesman, was recently transferred here from Houston.

Vacations this year in the Dallas office consisted of automobile trips to various points. Mr. Johnson and family visited El Paso and the Carlsbad Caverns; Mr. and Mrs. Wingren drove to California; and Mr. and Mrs. Shults spent a week in Indiana.

Kansas City, Mo.

With the opening of schools this fall, two Kansas City Comptometer operators left their positions and are now behind desks of a different type.

Mary Jane Stevenson, who was employed by the First National Bank, is now attending Missouri University, Columbia, Mo. Gloria Challander, formerly an operator at the Geo. B. Peck Dry Goods Co., is now enrolled at William Woods College, Fulton, Mo.

Most of the local operators have completed their summer vacations. Perhaps one of the most fortunate in this respect is Miss Zelpha Smith, who is employed in the offices of the Transcontinental and Western Air, Inc. She took advantage of the opportunity afforded employees of this air line and flew to both coasts, spending a few days in Los Angeles and New York.

A baby girl was born to Mr. and Mrs. Thomas B. Lloyd on the morning of August 8. The young lady has been named Carol Frances, and of course the Lloyd household is a proud and happy one.

Aberdeen, S. D.



Dakota Central Tel. Co.—special instruction class



Group of Comptometer Club members.
The scene of a recent shore party

Atlanta, Ga.

Miss Margaret Ann Massey, one of the operators at Rogers', Inc., recently became the bride of Mr. Richard Hare O'Farrell. Mr. M. H. Braswell, former service man, is now in charge of the Atlanta Comptometer School. He is making commendable progress in developing capable operators who will uphold the reputation of our school.

Miss Polly Norman won first place and a silver cup in the bathing beauty contest conducted at the annual picnic of the Southern Grocery Stores, Inc., on June 25th.



Polly Norman

Miss Elsie Reese, one of our operators at the Great Atlantic & Pacific Tea Co., recently became the bride of Mr. Gerard (Nig) Lipscomb. Mr. Lipscomb is now one of the outstanding ball players of the Atlanta "Crackers" and no doubt next year will see him in a big league uniform.

Mrs. Marie M. Jones, a former instructor in our school, was a recent visitor.

We were glad to note in the last issue of the Comptometer News the picture and progress of a former student of our school, Miss Betty Hutchins, who is now in charge of the Comptometer Department of the Grace Lines, New York.

★
Creed

The food that I share with others,
Is the food that nourishes me.
The strength that I spend for others
Is the strength that I retain
The freedom I seek for others
Makes me forever free.
The pain that I ease in others
Shall take away my pain.
The load that I lift from others
Makes my load disappear.
The good that I see in others
My greatest good shall be.
The love that I feel for others
Comes back my life to cheer.
The path that I walk with others
Is the path God walks with me.
—Grace Hill Freeman

Baltimore, Md.

The Baltimore Comptometer Club takes a rest from business activities during the summer season, but keeps right on with its social affairs.

A boat ride by moonlight down the Chesapeake Bay was the Club's first summer event. Next was a hike, which ended with a "weinie roast" at the home of Miss Angela Marlin, the Club's first president. After plans for a swimming party had been thwarted on two occasions by cold weather, the members and their friends finally got together one warm Sunday morning and hired a bus to take them to the shore home of Mrs. Mauk, one of the members. This proved to be such a happy occasion that it was repeated several weeks later. Mrs. Mauk set forth a big crab feast and plenty of the other things that go with such a repast.

Business meetings will soon be in session again and plans for the fall dance and other good times will start buzzing.



Eileene Kraft
Recent Baltimore school graduate

Albany, N. Y.

On July 7th the students of the Albany Comptometer School held their annual picnic at Crystal Lake. The day was spent in swimming and participation in other sports, after which a picnic lunch was enjoyed. We are sure all the girls are looking forward to the next event of this kind.

It is with regret that we announce the resignation of Miss Thelma Lownsbury as teacher in the Albany Comptometer School, but we know her many friends will congratulate her on her appointment to a Federal Civil Service position in the U. S. Department of Agriculture. Miss Lownsbury is now located in the State Office Building in the Department of Farms and Markets. We all wish her the best of success in her new field.

Miss Dolores Pardee has been appointed as instructor to succeed Miss Lownsbury.



Dolores Pardee

★
Fast Thinking

Officer, after chasing a feminine driver through the town, "Say, where's the fire?"
Sweet young thing: "In your eyes, you great big gorgeous policeman."
Cop: "Well, don't let me catch you again."



A happy outing group at Crystal Lake

Akron, Ohio

On Thursday, August 27th, the pupils in the Canton, Mansfield and Akron schools held a joint picnic at Chippewa Lake. In the afternoon several contests were staged and the lucky winners were very much pleased with the Comptometer pins awarded them by Mr. Silvester and Mr. Moss. After a picnic supper we took in the thrills on the Midway.

Mr. Clarence Barnhart, our only masculine pupil, came in for a good share of teasing from the girls, but was very good-natured about it. He and Mr. Silvester got a good workout on the dance floor, as Mr. Moss deserted us before we reached that far.

One of our pupils, Miss Bernadette Schmitt, had the honor of being chosen to act as air hostess for Col. Clarence D. Chamberlain on his giant Curtiss Condor air liner during his recent visit here.

★
Delicacies

Boiled fish eyes are a favorite dish with the natives of Kamchatka. In Korea they eat dog steaks. In China aged eggs are preferred to fresh ones. Natives of Ceylon eat bees; those of Brazil consider yellow ants in resin sauce a delicacy. The Japanese buy and eat octopus meat at five or ten cents a pound. And in the New Caledonias roasted spiders are a favorite dish.

Los Angeles, Calif.

To a Comptometer operator, Mrs. Rena Mae Kellam, went the Grand Prize of \$500.00 in a contest sponsored by the California Chain Store Association. Out of 47,000 entries, her fifty-word essay on "Why I Believe In Trading At Chain Stores" was adjudged the best.

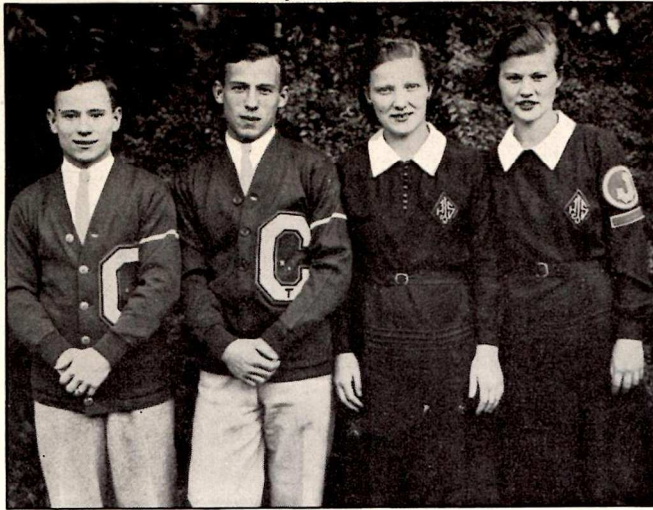
At the radio broadcast when the \$500.00 check was presented to Mrs. Kellam, she responded by saying she was especially happy over winning the contest because the money would enable her to bring her two young children from the east to live with her.

Mrs. Kellam is now employed at the F. C. Nash Co. of Pasadena.

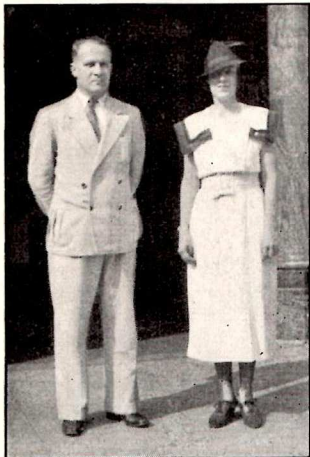


Rena Mae Kellam

Dayton, Ohio



Two consecutive sets of twins
Paul, Vernon, Mary and Ruth Garke



Steve Maloney Stella Mullin



All honor students in High School

- Helene Fazekes
- Leona Zinck
- Alma Greider
- Pauline Weaver
- Goldie Shuey
- Beverly Bungler
- Noreen O'Leary

★

Sales Possibilities

Government Surveys reveal that the homes of over 40,000,000 people in this country are without bathtubs.

We are told that two consecutive sets of twins in a family is very nearly as rare an occurrence as quintuplets. But we of the Dayton Comptometer family can boast of such a phenomenon in Paul, Vernon, Mary and Ruth Garke, who are all doing very nicely, thank you.

Mr. Maloney and family have just returned from Michigan where they spent an enjoyable vacation. You should hear him tell the story about the "big one" that got away.

Following are some of the placements that have been made recently:

- Virginia Drupp, Kroger Grocery & Baking Co.
- Margaret Miller, Loose-Wiles Biscuit Co.
- Vernon Garke, Hewitt Soap Co.
- Winifred Korn, Mutual Mfg. Co.
- Ralph Nowak, White Baking Co.
- Mary Olt, Delscamp Paint Co.
- Mary Niehus, National Cash Register Co.
- Ethel Jones, National Cash Register Co.
- Dorothy Martin, Dayton Rubber & Mfg. Co.
- Leona Zinck, Master Electric Co.



Rita Grillmeier, assist. teacher

Springfield, Mass.



Getting a view of the Springfield sky-line from the roof—the operators are all sitting on the teacher's knee



Mr. Richardson surrounded by a group of nice-looking operators—no wonder he is smiling



Comptometer School picnic held June 11 at Look Memorial Park, Northampton, Mass.

Nashville, Tenn.

Nine of Nashville's Comptometer operators put in a busy evening on August 6th, when they handled election tabulations for the two local newspapers and the Associated Press.

It was very interesting to watch the results shaping up as the tabulations were made from time to time. One of the Congressional races was not decided until the official count was made several days after the election was held, and the race was so close all during the night that tabulations were taken at frequent intervals on this particular race. Naturally this resulted in more work than usual, but it helped to keep the operators awake after midnight. Plans are already under way to use operators to handle the general and national elections in November, as the papers are well pleased with their work.

The Nashville school still lays claim to receiving the oddest calls. For example, one of the newspapers asked for an operator to report at 3:00 A. M. to finish tabulating their election results. And believe it or not, he reported on time.

That busy fellow, Dan Cupid, has got in some very effective work during the past few months:

Miss Claudine Buchanan is now Mrs. James Padgett and has moved to Louisville, Ky.

Miss Sara Robertson is now Mrs. Clarence Seale and is living in Chattanooga.

Miss Dorothy Owens is now Mrs. McNabb.

Miss Mildred Lanier is now Mrs. Al Buffat.

Miss Manessa Randolph is now Mrs. G. T. Atkins.

Miss Christine Skidmore is now Mrs. J. D. Wilson.

Miss Johnnie Lain is now Mrs. Joe Allen White.



Kathryn Thorton sitting beside the lake in Kur-Park, Wiesbaden, Germany, one of the six countries she visited while in Europe recently.



The McCarrick Sisters—All Comptometer Operators



Miss Madeleine Coady, one of our promising young students.



"Sister & Brother Team" Catherine and Owen McCabe



Irma Dahms looking over her garden after a six weeks' stay at the seashore.



A group of young men now attending the Philadelphia Comptometer School.



Mary O'Brien of the Philadelphia Comptometer School visiting the Franciscan Monastery in Washington, D. C.



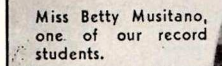
A happy group of the Philadelphia sales force pictured with Mr. Newman on a week-end camping trip in his trailer.



Mary Uhlein's prize Russian Wolfhound, Duke Deanertzoff of Round Meadow, measures 33 1/2 inches at the shoulder.



Florence Johnson comes "clean" from Pittsburgh.



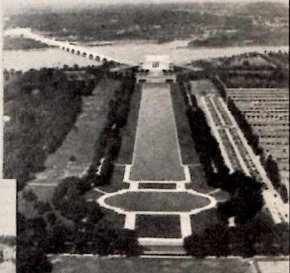
Miss Betty Musitano, one of our record students.



Miss Emily Gross crossing the whirlpool rapids in the cable car — takes two looks to see her.



Mrs. Keown, attending our school, is in hopes that her daughter, Muriel, four years, and son Bobby, three months, will be future Comptometer operators.



On a recent visit to Washington, Miss Anna Umstead took this picture looking down on the Lincoln Memorial from Washington Monument.

Romance of Railroad Transportation

"Round-trip ticket, please"

This request, repeated thousands of times daily, does not in itself harbor any particular romantic tendency. These requests do, however, make possible the enactment of one of the greatest business romances of our present day.

FROM time immemorial, romance has had a profound influence upon the world in which we live. History informs us that wars, intrigues and even conquests have been inspired by the glamour of this magic word. Many are the stories of conquests recalled from our childhood days, when we, too, in fancy sallied forth with the brave knights of old to all corners of the earth in search of fame and glory.

The earth's corners in those far-off days did not extend into the far-flung areas of the globe as we know it today, for the obvious reason that transportation facilities were almost an unknown factor. In fact, the only known means of transportation at that time were furnished by beasts of burden or ancient sea-going craft. Speed and luxury of travel were to be discovered by future generations. Perhaps history would tell a very different story today if railroad transportation had been possible, even as recently as the period in which Napoleon reached the height of his power.

The high standard of transportation made possible by our railroads is evidenced in many ways. We have merely to recall the recent vacation season, replete with pleasant experiences, as one illustration of the many ways in which the railroads of this country faithfully serve us. It would have been well-nigh impossible for hordes of vacationists this past summer to visit the innumerable recreational and pleasure spots of our country at nominal cost and a minimum of time without the aid of our railroads.

Have you, gentle reader, ever given any thought to the "back-stage" of the railroad? Do you realize the enormous amount of planning, operating and maintenance required before the wheels can even turn? Do you realize the endless amount of energy expended in order that you may relax in comfort while traveling? You, as one of many passengers on board a veritable "city on wheels", are coddled and cared for to insure a safe arrival at your destination just as much as a dotting mother would coddle and care for her new-born infant.

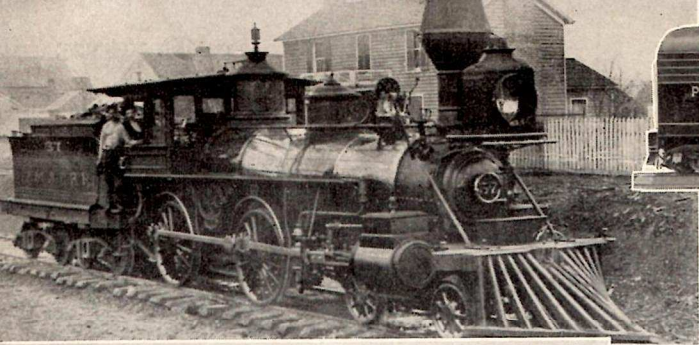
Every precaution and method of safety known to modern science is employed, not only to give

you comfort while traveling, but also to insure safety throughout the journey. The fact that only one passenger fatality occurred in 1935 because of train accidents is an evidence of that safety characteristic. A more striking one is the fact that of 142 of the country's largest railroads, 130 have a clear record of no passenger fatalities in train accidents for more than five years; 114 for more than ten years, and 99 for more than fifteen years. Experiences such as these indicate that the safety factor is more pronounced on our passenger trains than even in our own homes.

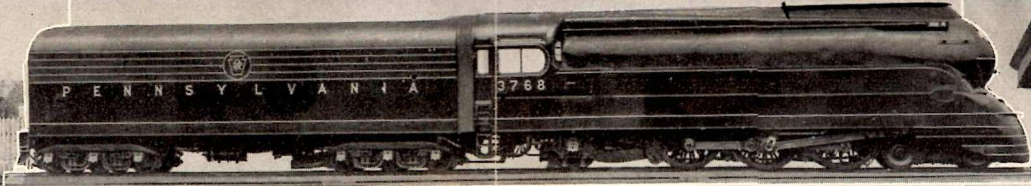
Contrast all of the present-day conveniences with those experienced by the seasoned traveler of fifty years ago. In those days, the traveler actually took his life in his hands when he stepped aboard a railroad train. The cars were of wood with open platforms, and the only heat available was furnished by a coal or wood-burning stove, and fires resulting from these crude heating systems were not uncommon. Candles were used for illumination, which in turn gave way to oil lamps. Yes . . . it's a far cry from all of this up to the present-day comforts. In those far-off days, who had ever heard of a dining car? And it would have been at that time the height of folly to predict that some day passengers could enjoy a good night's rest in a comfortable berth just as effectively as if they were tucked under the blankets in their own homes.

Although it is true that the passenger service may be the more glamorous, we must not, however, lose sight of the importance to every community, large or small, of good, uninterrupted freight service. Just imagine the chaos, want, suffering and need that would result if freight transportation were suddenly to cease. Food, clothing, fuel and every other known necessity of life would then become as scarce as the proverbial "hen's teeth".

Perhaps as a nation we are afflicted with that American disease known as "taking-too-much-for-granted." And we believe this holds especially true with reference to the services which our railroads render. With this purpose in mind we dedicate this article to our railroads, hoping that it will direct our readers' attention to a service which today has perhaps become commonplace by

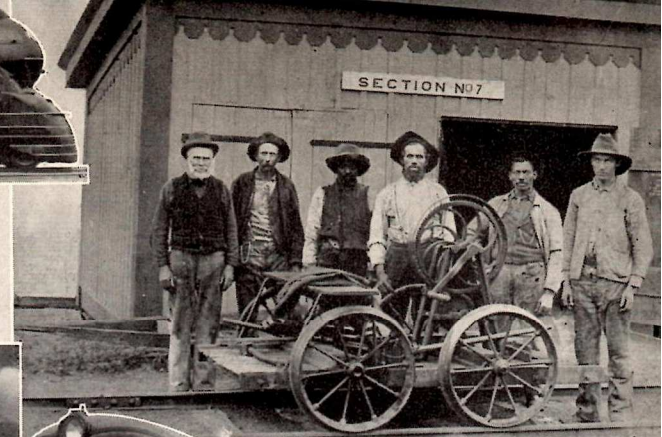


An old locomotive used in 1871 on the Atlantic, Mississippi & Ohio Railroad (one of the units which now form the present Norfolk and Western) which extended from Norfolk, Va., on the Port Hampton Roads to Bristol, Va.



A modern Pennsylvania Railroad locomotive

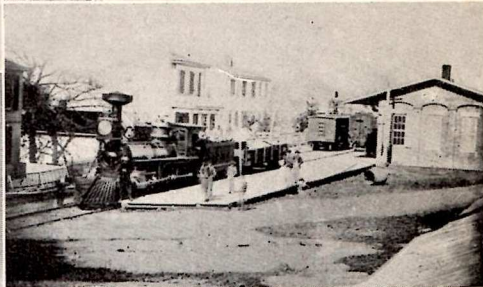
The Romance of Railroad Transportation



A typical section gang of 1887.



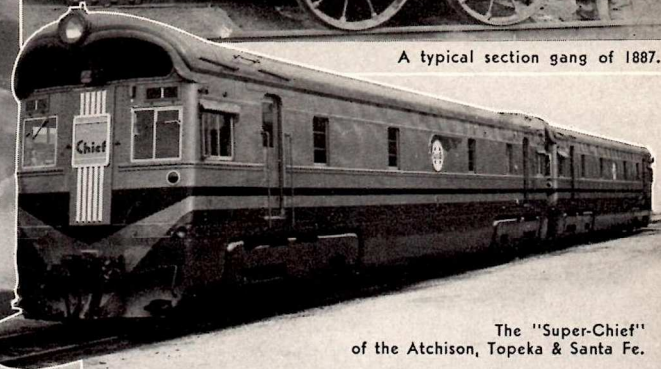
The Green Diamond—
I. C. R. R.



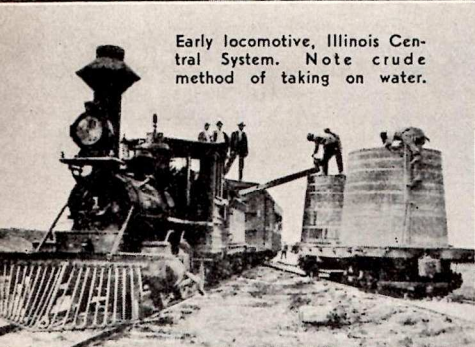
An early L. & N. locomotive at Eminence, Ky. This was the first train into Eminence, 1860.



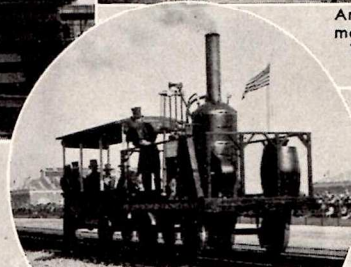
Streamliner—The City of Denver. Operated over C. & N. W. Ry. line from Chicago to Omaha, then to Denver.



The "Super-Chief" of the Atchison, Topeka & Santa Fe.



Early locomotive, Illinois Central System. Note crude method of taking on water.



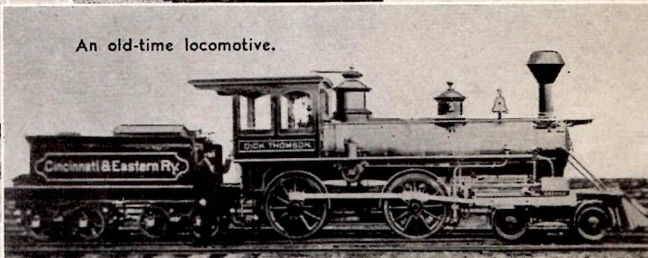
The "Tom Thumb" locomotive, constructed by Peter Cooper in 1829 and successfully operated in 1830. The original was the first locomotive built in America.



Here is the locomotive built by William Mason at Taunton, Mass., in 1871.



An Illinois Central train about the time of the Civil War.

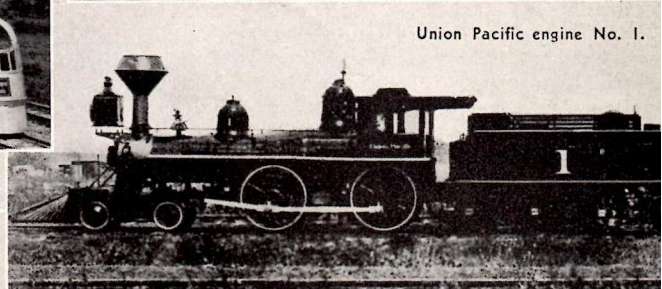


An old-time locomotive.

The Mercury—the New York Central New Streamliner.



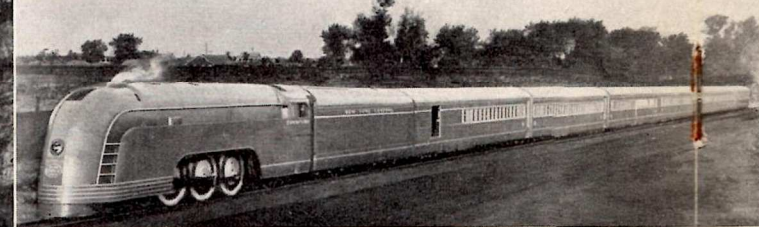
Zephyr—C. B. & Q. R. R.



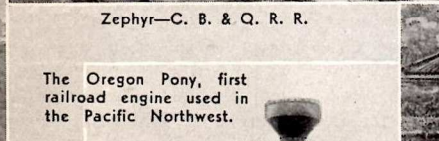
Union Pacific engine No. 1.



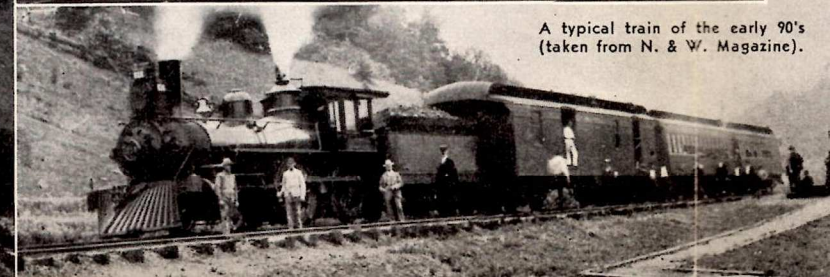
The Olympian—
C. M. St. P. & P. R. R.



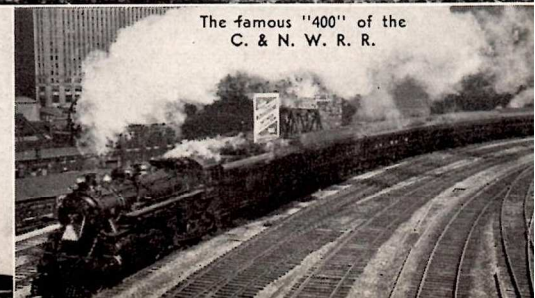
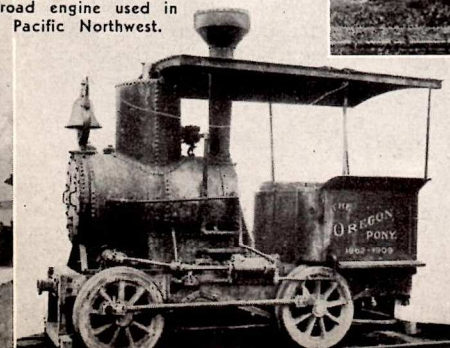
A typical train of the early 90's (taken from N. & W. Magazine).



The Oregon Pony, first railroad engine used in the Pacific Northwest.



The famous "400" of the C. & N. W. R. R.



daily usage. In order that our readers may see for themselves, the tremendous progress which the railroads have made, there are shown on the following two pages photographs of some of the earlier scenes taken during the pioneering days of the railroads. There are also shown photographs of the more modern, up-to-date equipment of which we should all feel proud. In addition to these photographs, the following statistics are not only of interest but very enlightening.

THE FIRST RAILROAD

The first railroad in operation for general business was the Stockton & Darlington in England, which was opened on September 27, 1825. On July 4, 1828, work was started on the first railroad in the United States intended for general commercial service. This was the Baltimore & Ohio which was opened for service with horse-drawn cars in 1830. The first steam locomotive to operate in the United States was the Stourbridge Lion, English built, which made one run on the Delaware & Hudson tracks on August 8, 1829. The first locomotive in regular service in the United States went into operation in the beginning of 1831 on the South Carolina Railroad.

NUMBER OF RAILROADS

There are today, 143 "Class I" railroads in the United States. "Class I" refers to railroads of more than one million dollars annual operating revenue. In Canada, there are two major railroads, not including those segments of United States lines which penetrate Canada. In addition, there are more than 1,000 so-called short lines, many of which are railroads of considerable local consequence.

MILEAGE

In 1934, there were 254,882 miles of railroad line in the United States. Additional main tracks, yard tracks and sidings bring the total up to 422,401 miles. Perhaps this total mileage of railroads will be more impressive if we illustrated by the following analogy. As the distance around the earth is approximately 25,000 miles, the grand total of all the railroads in the United States would be equivalent to laying endless tracks around the world approximately 17 times.

RAILROAD EMPLOYEES

Of more than usual interest is the fact that in July, 1936, the total number of railroad employees in the United States was 1,084,836, of whom 12,056 were executives, officials and staff assistants, and 167,792 were engaged in clerical and professional work. These figures have further significance if we will think for a moment that the total number of employees is approxi-

mately equal to the population of a city the size of Cleveland. The clerical workers exceed in numbers the entire populations of cities such as New Haven, Conn., and Flint, Michigan.

PAYROLL

The total annual payroll of railway employees in 1935 was \$1,644,000,000. This colossal sum represents 45% of the total operating revenues in 1935 which amounted to \$3,452,000,000.

TAXES

Another staggering sum of money is represented in the total amount of taxes for the "Class I" railroads, which in 1935 amounted to more than one-quarter of a billion dollars. This sum (large as it seems) will be considerably increased in 1936.

PURCHASING ACTIVITIES

To get some idea of the gigantic purchasing activities of our railroads, just try to visualize \$593,025,000 spent for materials and supplies in 1935. This sum will be greatly augmented this year. It will be of interest to know that in the six years from 1929 to 1934 a total of \$172,000,000 was invested just in the buying of rails—and a third of a billion dollars spent during the same period in track construction, and more than three billion was put into "right-of-way" maintenance. All of these purchases were made for the express purpose of added safety.

FINANCE

There is hardly a reader of this magazine who is not directly affected in a monetary way by railroad securities, either through insurance policies owned, or by savings accounts. There is hardly an insurance company or bank today that is not heavily interested in railroad securities. At the beginning of 1934, the railway capitalization in the hands of the public amounted to \$19,284,512,395, a sum that seems colossal even in these days when monetary figures resemble elongated freight trains.

With a great deal of pride, we point to the fact that a vast number of readers of this magazine are employed as Comptometer operators by almost all of the large railroads of this country. These operators have in no small way made it possible to secure statistical data by which management has been better able to direct and guide the successful operations of the various railroads. Your task is an important one and you may well feel proud of the part which you play in these activities.

"Romance of Transportation" . . . Long may it live and as long as our railroads operate, we need never feel that it will become a thing of the past.

Memphis, Tenn.

A most interesting and novel application of Comptometers and Peg-Boards is used by the Commercial Appeal in tabulating election results. A task that formerly required the services of twenty to twenty-five men is now easily handled by five or six of our operators.

As the returns are telephoned in by representatives stationed at the various precincts, they are entered upon corresponding peg forms. These forms are in duplicate, the original copies of which go to the linotype department and the duplicates to the Comptometer operators who place them in the proper position on a Peg-Board. When a new report is received for a precinct the old form is removed and the later one put in its place.

Tabulations are made every half hour. This is simply a cross-adding operation requiring only about three minutes.

In the photograph above, taken during the Tennessee state election, the telephone operators are seated at the left and the Comptometer operators at the right. From front to rear, we see Miss Eleanor Adams, Mrs. Madge Spicer, Miss Bess Parker, Miss Louise Nelson, Mrs. Cozett Wright, Mrs. Dora Gates. Mr. Ed Culom is standing in the background.

We are all looking forward with keen interest to the Presidential election in November.

Edmonton, Canada



Edmonton Comptometer School on a hike and weiner roast



The Commercial Appeal using Comptometers and Peg-Boards in tabulating election returns

Waterbury, Conn.

Our night school opened September 14th and will run every Monday and Tuesday evening from 6 to 9 o'clock. Entrance can be arranged for any Monday night.

Mr. Lawrence Krieg, the new instructor, will be glad to meet any of the older operators who may wish to come in for a special "brush up" course.

Hamilton, Canada



Joan Cornford, ring winner

Huntington, W. Va.

To take care of the many calls coming in for operators we have been compelled to start two classes daily.

We are proud of the record our students are making after being placed on positions—they are advertising our school so well that we have students enrolled from all sections of the State of Virginia.

Sioux City, Iowa



Recent graduates placed at Armour and Co.; Left to right—William Hungerford, Joyce Ehlers, Mabel Bush and Gail Winge

Harrisburg, Pa.

Almost every sector of the State of Pennsylvania is represented in the General Calculating Section of the Armstrong Cork Co., whose members are shown in the photograph. Back row, left to right: Agnes Clement, Ethel Wagenbach Brunner, Lillian Vest, Betty Ronemus. Second row: Ruth Marsh, Elinor Greenhalgh, Thelma Coble, Gladys Burnight. Front: Frances Barber.



Group of operators from the Armstrong Cork Co., Lancaster, Pa.



Mrs. "Gus" Zimmerman

Mrs. "Gus" Zimmerman (the former Kathryn Nichols) is shown here with her daughter Arlene Joyce. Mrs. Zimmerman is a graduate of the Philadelphia Comptometer School who came to the Armstrong Cork Co. at Lancaster six years ago. She now balances the budget for "Zimmerman and Company."

Miss Helen Furman is one of our operators who took the recent Civil Service examination.



Helen Furman

The Comptometer Department of the U. S. Treasury, State Accounts Office at Harrisburg, attended a picnic held at Keiper's Woods on Saturday afternoon, August 8. There was baseball, dancing, and a marshmallow toast to finish up the evening. Everyone seemed to enjoy themselves immensely despite some minor casualties, such as loss of heels from slippers and a few falls.

Boston, Mass.

Evening classes opened September 14th. The day classes are now under the supervision of Mr. Louis Whittemore, and we invite all our operators to come in and make his acquaintance.

Four of our young men have recently obtained profitable and interesting employment—Edwin Strong at Booth Fisheries, Jack McGarrahan at Agar Mfg. Co., Melvin Sheehan at N. E. Transportation Co., and Roger Karlstrom at United Fruit Co.

The following graduates have been placed in permanent positions during the past month:

Florence Pescuma and Eleanor O'Donnell, A. C. Lawrence Leather Co.

Ruth Costello, United Drug Co.

Marie Clover, United Drug Co.

Lillian Heffernan, Hayes Bickford Co.

Mary Spiers, Hayden Stone.

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Springfield, Mo.

The Springfield Comptometer School, located at 515-16 Woodruff Building, was opened June 15th.

Enrolled at present are the following students: Mildred Lesch, Virginia Dyer, Wylmoth Hammar, Marjorie Cooley, Mildred Ferbrache, Ruth Gravelle, Shirley Bitterick, Lillian Yates, Sara Holmes, LeRoy Robberson, and Wilson Dyer. The instructor is Mrs. Florence Taylor.

We are sorry to report that Miss Mildred Lesch has been stricken with typhoid fever. We all wish her a speedy recovery.

Mr. LeRoy Robberson is a member of the Springfield Boy Scout Band, which is the largest of its kind in the world.

Mr. James J. Taylor of the St. Louis sales department has been appointed sales agent for Springfield and the southwest Missouri territory.

St. Paul, Minn.



Auditing Department of the Emporium Dept. Store. Mr. Wernicke and Mrs. Faltico are shown standing.

Adoption of Comptometer methods by the Emporium Department Store about a year ago has resulted in a considerable reduction in auditing costs, as well as an increase in the amount of statistical information obtained. Mr. Wernicke and Mrs. Faltico (standing) are to be congratulated upon the achievement of these splendid results.

Several personnel managers have visited our school recently, both for the purpose of seeing how our classes are conducted and to discuss their operator requirements.

The marriage of one of our outstanding operators, Miss Fern Larson, took place Saturday evening, June 6th, in Minnehaha Masonic Temple. Her name is now Mrs. Bachman.

Another recent marriage was that of Bernice Lucille Mullen of St. Paul, who on September 4th became Mrs. Webb. The ceremony was performed at the Merriam Park Presbyterian Church. Miss Mullen was one of our highly esteemed Comptometer operators and we regret to lose her services.



Bernice Mullen Webb

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Useful Advice

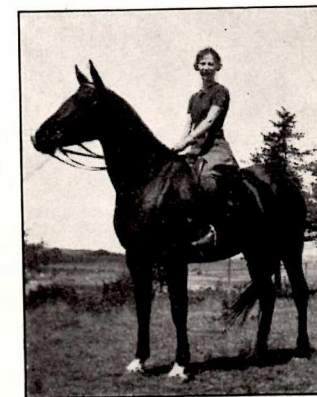
Junior Partner, to pretty stenographer: "Are you doing anything Sunday evening, Miss Barnes?"

Steno (hopefully): "No, not a thing."

Junior Partner: "Then try to be at the office a little earlier Monday morning, will you?"

Calgary, Alta.

Of wide interest in Comptometer and provincial sporting circles is the recently announced engagement of Miss Ruby Roberts to Mr. Frank H. Fisher. Besides being an outstanding Comptometer operator, Miss Roberts last year won the provincial tennis singles championship. She also holds a title in the winter sport of ski-ing.



Mamie Thompson, operator at the T. Eaton Co., sales audit department

Montreal, Que.

Pictured here are two young male Comptometer operators of whom we in Montreal are justly proud. They are Mr. Edmond Shore and Mr. Edward Ellis, just after they had won the Tandem Race in the Eastern Division Paddle on the Lachine Canal.

Don't be surprised if these same two young men, who have acquitted themselves so admirably in their first year of competition, go on to represent the Dominion of Canada in the next Olympic meet in 1940. We wish them good luck.



Edmond Shore Edward Ellis

Ottawa, Canada



The Comptometer operators of Ottawa held a picnic on August 19 at Britannia Bay. Left to right—Misses Young, Caladine, Wilkinson and Bonner

Providence, R. I.



Providence Comptometer School outing to Newport, July 23.

On July 23rd the students of the Providence Comptometer School enjoyed an excursion to Newport on the S. S. Nedesco. Surf bathing, games and box lunches made the event a memorable one.

Ruth Kincade, at present a student in our school, is giving up a promising dancing career to become a Comptometer operator. Starting to dance at the age of nine years, she has studied with Tarasoff, Fokine and Chester Hale. She danced as a Chester Hale girl at the Capitol Theatre in New York for four weeks, and has also done a great deal of solo work.



Ruth C. Kincade

★

Mansfield, Ohio



The day school students shown in the photograph are, left to right: Vivian Bailer, Phyllis Brown, Lillian Marvin, Mary Smith, and Miss Anderson, instructor.

Newark, N. J.



Winifred Staub Mary Gann Bernice Strader



A group from the Newark School

Despite the usual picnic weather (rain) our outing at Forest Hill Park resulted in an enjoyable day for everyone.

The boys demonstrated their Boy Scout training by building a blazing fire so that we could roast "hot dogs" and marshmallows. The girls, too, proved they could "take it" by going swimming in the very cold lake water.

Bernice Strader, Ruth Mulford and Mary Gann were among the many girls who, with Miss Staub, the instructor, helped to make the picnic a success.



A group from the Newark School



Ruth Mulford

Norfolk, Va.

Three of our graduates, Miss Bert Straus, Miss Polly Manry, and Miss Ruth Ellis, achieved the Honor Roll recently. Each of the trio scored 100 per cent on the final examination and also added 100 columns per hour. Within a few days after graduation they were employed in temporary positions—Miss Straus at the Seaboard Air Line Railway, Portsmouth; Miss Manry at the Colonial Oil Co.; and Miss Ellis at D. Pender Grocery Co., Norfolk, Va. Our congratulations to these girls on their splendid work!

The Norfolk Comptometer School is now making plans for its annual fall dance, which will be held at the Nansemond Hotel, Ocean View. We invite all Comptometer operators, relatives and friends to join us in making this event a great success. Keep in touch with the office for full details.

In the recent Civil Service Examination over one hundred and twenty-five of our girls took the competitive test, several of whom have already been called for positions.



Ruth Ellis Polly Manry Bert Straus



A group from the Newark School

Fort Wayne, Ind.

A cordial invitation is extended to all operators to visit our newly equipped school and office at 215 Central Building and meet Miss Hazel Myers, our new instructor who has returned to us from Kokomo, Ind.

Miriam Valentine, a student, had a rather harrowing experience upon leaving the school one evening. As she entered her car she was followed by a bandit who at the point of a gun commanded her to "Take it easy and drive slow." He then relieved Miss Valentine of her cash, forced her out of the car and drove away. Fortunately, however, the car was later found, undamaged, in front of the St. Joe Nurses Home.

We suggest that hereafter Miriam bring her dog along to school for protection.



Miriam Valentine

Hartford, Conn.

The Comptometer operators at the Underwood-Elliott-Fisher plant spent their vacations at points extending from Bermuda up as far as Maine.

Two weeks in Bermuda passed all too quickly for Doris Cervini. She reports a grand time.

Mildred Gustafson and Dorothy Whidfelt stayed at Point O' Woods.

Marjorie Cormier spent her vacation in Clinton.

Evelyn Luetjen took to horseback riding while at Crystal Lake.

Peg Lindberg and Shirley Gaffney liked the big cities better. Peg stayed in Boston and Shirley in New York. Shirley, incidentally, played the part of a heroine in rescuing a man whose boat had capsized.

Florence Strahl viewed the boat races at Marblehead. She says these races are both fascinating and exciting.

Teddy Grove and Blenda Johnson went up into the northern section. Teddy stayed at beautiful Lake Sunapee, while Blenda toured the state of Maine.

Doris Rohrer claims that Oak Bluffs in Martha's Vineyard is the best vacation spot.



Barbara Grove

Georgina MacLean



Mrs. Young Miss Ludlow Miss Musselwhite Miss Bouldrie

Houston, Texas

Mr. A. C. Foster of the Houston sales department was recently transferred to the Dallas territory. We all wish him success and happiness in his new surroundings.

Mr. Eldon Daunoy who for the past year and one-half had charge of the Houston school, has been promoted to demonstrator-sales work.

Comptometer operators of Houston extend their heartfelt sympathy to Pauline Marshall in the recent loss of her sister.



Eldon Daunoy

Jacksonville, Fla.

Pictured here are several of the students who entered our school during July and August.

Miss Marjorie Ludlow joined the class in July and has been doing temporary work for five weeks, continuing her course in the evening class.

Miss Camille Musselwhite enrolled in the evening class in July and now has a permanent position with the Southern Bell Telephone Co. She is also continuing her Comptometer work in the evening class.

Miss Virginia Bouldree entered the class during August and has been making splendid progress.

Mrs. Bessie Young has just completed her course with a grade of 97% on her final test.

Canton, Ohio

The Canton and Mansfield students were guests of the Akron Comptometer School at a picnic at Chippewa Lake recently. Everybody reported a most enjoyable time.

February 3, 1936, saw the opening of the Mansfield Comptometer School. Operators have already been placed with a number of the larger firms in the territory, including Westinghouse Mfg. Co. and the Ohio Brass Co.

The photo shows four recent graduates of McKinley High School, now students of the Canton Comptometer School. They were guests of the Akron School at a picnic at Chippewa Lake recently and reported a good time.

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Omaha Nebr.

Miss Gladyce Jelen, a recent graduate, established a new record for the Omaha Comptometer School by adding 103 columns in one hour with 100% accuracy. Miss Jelen is now employed by the Union Pacific Railroad and reports that she is enjoying her work.



Gladyce Jelen



Helen Fox

Lola Prince

Dorothy Ball

Jane Elsaesser

Portland, Ore.



The Van Avery family—Stella, Mildred, Irene and Harold.

We have all heard of whole families who have made the Army and Navy their careers. We present a family that has made Comptometer work its career. The four members of the Van Avery family—three sisters and one brother—have all attended the Portland Comptometer school and with the exception of Irene, who is still a student, are working with oil companies. Mildred is with the Standard Oil Co., Stella with Standard Stations, Inc., and Harold with the Associated Oil Co. If Irene runs true to form, the "oils" have it.

The Portland office takes pleasure in presenting to our readers Miss Betty Williams, who set a school record that our present students are all striving to beat. Her mark is 104 columns added correctly in one hour from the standard green adding book. Betty is now working as an operator with the world-renowned Jantzen Knitting Mills who made the diving girl famous.



Betty Williams

★

Some Preserving

"What is your wife doing?" asked the friend.

"She's making preserves," said Mr. Meekton.

"What kind of preserves?"
"I don't know. She is a culinary artist and all artists are temperamental. I had hoped for jam and jelly with plenty of sugar. But if her productions reflect her present disposition I am expecting mostly pickles."

Seattle, Wash.



Helen Honvlez



Mr. Howard and Mr. Cook

Catherine Craig, Edith Maertz and Mrs. Maertz.

Miss Marianne Bassett and Miss Olga Eselby enjoyed a week's vacation on Leacher Mountain in eastern Washington. Miss Bassett's brother is in charge of the fire lookout on top of the mountain. They could see for miles in every direction and reported the scenery simply wonderful.

Mr. Howard, our general agent, and Mr. C. M. Cook, comptroller for Eba's Mutual Groceries, took a vacation trip to Lake Chelan. This time, apparently, the "big one" did not get away.

Lucille Beffa surprised all her friends by going to California in June and acquiring a husband. She is now Mrs. William E. Harmer. We wish you happiness, Mrs. Harmer, for many, many years to come.

We are very happy to have the Galvin sisters enrolled in our school. Miss Maxine Galvin, a former graduate who is now working at the Western Dairies, thinks there is no line of work like Comptomer operating. We hope that Miss Patricia and Miss Margaret will be as happy in their work as their sister is.



The Galvin sisters
Patricia, Maxine and Margaret

Miss Helen Honvlez and her sister, Miss Kaye Honvlez, have recently returned from a very interesting and enjoyable vacation trip which took them through Oregon, California, and down into Mexico.

Miss Marie Fletcher has had a very busy summer. Almost every week-end she and a group of the students have gone over to her camp on Hoods Canal. One one trip she was accompanied by Margaret Mullins,



Bob Howard with a couple of beauties



Marianne Bassett and Olga Eselby

What's In a Name?

"What's your name?" the store manager asked the young applicant for a job recently.

"Ford," replied the lad.

"And your first name?"

"Henry."

"Henry Ford, eh?" remarked the manager with a smile. "That's a pretty well-known name."

The boy looked pleased.

"Yes, sir, it ought to be," he replied proudly. "I've been delivering groceries around here for two years now."

Tacoma, Wash.



Pierce County Auditor's Office
Comptometers used in vote tabulation

Detroit, Mich.

The Detroit office enjoyed a visit during the summer from Miss Callahan of Boston.

Florence LaGodna, Mosselene Melton, Velma Fairman and Virginia Hupert of Budd Wheel Corporation have recently completed a rigid diet, but we feel very disheartened, for they now weigh even more than when they started. However, this does not detract from the speed of their nimble fingers, as Mr. Keers still considers them exceptional operators.

Not to be outdone by other Comptometer schools, we can at this time boast of two sets of twins in our class—Misses June and Joyce Liston, and Misses Dorothy and Elsie von Hanigsen.

Miss Fraser spent her vacation in Yellowstone, Miss Hudson in Montreal.

Violet Koehn, who has been employed by Briggs Mfg. Co. for thirteen years, is to be married October 17th.

We extend our sincere sympathy to Dorothy Thomas and Doris Clements, each of whom had the misfortune recently to lose her father.

Miss Ruth Sass is our pin winner for the month of August.



The von Hanigsen twins
Dorothy and Elsie



Ruth Sass

This scene in the office of the Pierce County Auditor's Office indicates the important part Comptometers played in the tabulation of votes in the recent State of Washington primary election. In the foreground are shown newspaper men copying the final totals, while the two men on the left are radio announcers waiting to broadcast the results. Comptometer operators on duty are Miss Krugmire, Mrs. McFarland, Misses Teresa Ratcliffe, Betty Williams, Mary Bro, Margaret Thielander, Emma Hedman and Stella Penlick.

The Tacoma Comptometer Club enjoyed a very delightful summer season, with monthly meetings held at the various nearby lakes.

★

Be Careful What You Say!

In speaking of a person's faults,
Pray don't forget your own;
Remember those with homes of glass
Should seldom throw a stone;
If we have nothing else to do
But talk of those who sin,
'Tis better we commence at home
And from that point begin.

We have no right to judge a man
Until he's fairly tried
Should we not like his company
We know the world is wide;
Some may have faults—and who has
not?

The old as well as young—
Perhaps we may, for aught we know,
Have fifty to their one.

I'll tell you of a better plan,
You'll find it works full well,
To try my own defects to cure
Before of others tell;
And though I sometimes hope to be
No more than some I know
My own shortcomings bid me let
The faults of others go.

Then let us all when we commence
To slander friend or foe,
Think of the harm one word would do
To those we little know:
Remember, curses sometimes, like
Our chickens "roost at home";
Don't speak of others faults until
We have none of our own.

Anonymous.



Misses White, Heath, Swallow and Flanagan in Tia Juana, Mexico

South Bend, Ind.

We were sorry to see Beatrice Richardson leave for Chicago, but hope she will be happy in her new surroundings.

The success of our first dance led to the request that we hold another. The date decided upon is October 2nd and we hope it will be possible for all Comptometer operators to attend. The following committees have been appointed:

Chairman—Virginia Gore.
Music — Dorothy Wentland, Violet Eberly.

Tickets—Isabelle Lies, Katherine Horvath, Erma Earl, Helen Knoepple.

Publicity — June Anderson, Leticia Hesler, Mary Odusch.

We are glad to report that Esta Hartzog is on the road to recovery after her recent serious operation.

Following are some recent placements of graduates:

Mary Shanafelt, Oliver Equipment Co.

Hazel Berg, Oliver Equipment Co.

Nila Eberly, Dodge Mfg. Co.

Flora Annette, Bendix Products Co.

Juanita Geist, Oliver Equipment Co.

New Haven, Conn.



The New Haven Comptometer School

Des Moines, Iowa

The lure of the article and the vividness of the pictures in the July number of the Comptometer News drew the entire personnel of the Des Moines Comptometer School and office into the West this summer.

Zana Claire Heath, our instructor, together with Rozella Swallow and Lois Flanagan, Comptometer operators of the Disbursement Accounting Department of the Northwestern Bell Telephone Co., and Madeline White, drove through the West, visiting the Black Hills, Yellowstone Park, the Grand Canyon of the Colorado, Boulder Dam, Hollywood, as well as Old Mexico. These girls must be given credit for their courage and self-reliance in making such a trip and getting back to work on schedule time.

Mr. Nelson and his family also yielded to the western urge. They visited congenial Mr. and Mrs. Earl White at Sioux City, and the Comptometer schools at Salt Lake City, Denver, and Kansas City. Of course they did not miss much of the scenery between and around these cities.

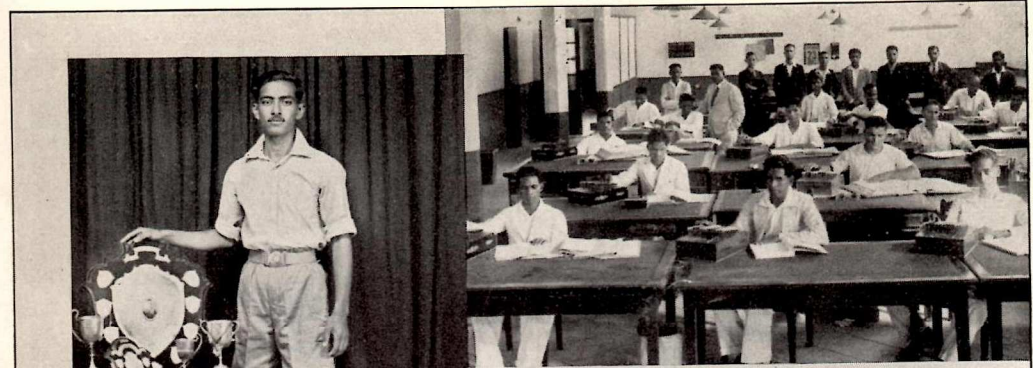
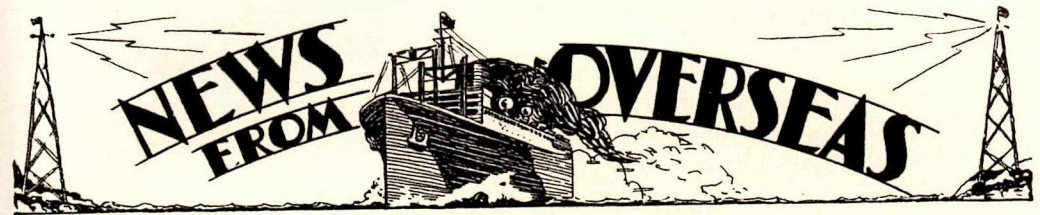
Next to take to the open road was Mr. Frank Herdrich, our new and well-liked service and repairman. With his brother, Mr. Herdrich visited the copper mines of central Utah.

★

Bridgeport, Conn.



"Hot dog" roast held by the Bridgeport class this past summer



Accounts Department, Comptometer Battery at Head Office of Anglo-Iranian Oil Co., Ltd., Abadan, South Iran. Standing second from left is Mr. V. Krishnan, Manager of the Bombay Branch of Felt & Tarrant (India) Co.

Mr. N. R. Mukherjee, Comptometer operator in the Insurance Dep't of Messrs. Andrew Yule & Co., Ltd., Calcutta.

INDIA

Comptometer School, Calcutta. Standing in the left foreground is Mr. S. K. Sen Gupta, Chief Instructor in the Calcutta School.



Comptometer Training Class, Accounts Dep't, Tata Iron & Steel Co., Ltd., Jamshed pur India.



Miss Sera Fina Parlavecchia,
Demonstrator



Miss Luisa Cilio,
Demonstrator



Miss Maria Ranzoni,
Demonstrator



ITALY

Comptometer Booth at the Milan Fair, the most important commercial Italian Fair at which are represented all the outstanding countries of the world. The King of Italy and other high-rank authorities annually visit this Fair, and there is no doubt that it gives a rather revealing picture of the commercial activity in Italy. There are numerous visitors, coming from all parts of Europe, and thousands of exhibitors.



Miss Marina Colzani,
Instructor of the School.

Interior View of Comptometer School at Milan, the most commercialized and industrious city in Italy.



MILAN, ITALY

The first floor of this building houses the sales offices and school, Milan.

STOCKHOLM

This photo shows a group of previous students and now employed as operators. Approximately fifty operators attended this outing. If we are to judge by the pleased expressions, the outing must have been a huge success.



ITALY

An advertising idea created by our important customer, S. A. Fiat, of Turin, for the Fair of this year. This concern uses more than 600 comptometers.





NU-OOZES

A Collision to Him

The meaning of the word "collision" was being explained by the teacher to the class.

"A collision," she said, "is when two things come together unexpectedly."

Immediately a small boy jumped up and said: "Please, teacher, we've had a collision at our house."

"Whatever do you mean?"

"Well, mother just had twins."—*Telephone Topics.*

Political (?) Ferror

"How's the public sentiment out here?" asked the politician, who was passing through a rural community.

"Still goin' strong," answered the native. "There were sixteen cars parked in my lane last night."

Broad-Minded

In controversial moments My perception's rather fine. I always see both points of view—

The one that's wrong and mine.

No White Meat

"Say," said the woman customer over the telephone, "the next time I order chicken, don't send me no more airplane fowls."

"Whaddaya mean—airplane fowls?" asked the butcher.

"You know what I mean. All wings and machinery and no body."

"Date" Material

Inez: "I think it just terrible, sending all those Marines to South America. What will they do when they get there?"

Gertrude: "Good heavens, Inez, ain't you never been out with a Marine?"

High Finance

A visitor offered a little girl five cents for a kiss. She said: "No, thank you, I can make more money taking castor oil."

Wishing

He: "I'll bet when you have to do your own washing you wish you'd married some other man."

She: "Yes, I wish I'd married Mahatma Ghandi."

Medicinally Speaking

Over the back fence the colored widow was calling her black offspring. "Morphy!" she shouted, "Oh, Morphy! Come yere to me!"

A passing white man was moved by curiosity to halt, and ask questions. "Morphy?—isn't that rather a curious name for a boy, Auntie?"

"Dat ain't his full name," the Negress explained, "dat's just what ah calls him for short. Dat chile's full name am Morphine. Ain't you never heered of dat word morphine?"

"Certainly, but never in this connection. Would you mind telling me why you chose it as a name for your child?"

"Ah chose it 'cause hit wuz de mos' suitable one dey wuz. 'Bout de time he wuz bown, I heered one of de white folks readin' out of a book dat morphine is de product of a wild poppy. An, Mistah! If evah a chile had a wild poppy, dis is de chile."

Just Loose Change

Dear Dad: Please send \$125.00 for tuition, \$47.50 for room, \$20 for books, \$8.00 for sorority dues, \$60 for initiation, \$22.50 for house account, \$18 for some bills I owe and \$1 spending money.

Your affectionate daughter.

Trade Discounts

I went around looking at signs in the department stores. One sign said: "Ladies' skirts, one-third off." I looked around and another stated: "Ladies' skirts, two-thirds off." Across the street was another one that started with "Ladies' skirts," but I didn't have nerve enough to see what the rest of the sign said. *Stolen from Silas Strawn.*

Overanxious

When a certain officer of the Governor's staff died, there were some applicants for the post, and some were indecently impatient. While the dead colonel was awaiting burial, one aspirant buttonholed the Governor, asking:

"Would you object to my taking the place of the colonel?"

"Not at all," the Governor replied tartly. "See the undertaker."

The Marker

Heavy Stranger (returning to theatre between the acts): "Did I tread on your toes as we went out?"

Seated Man (grimly): "You did, sir."

Heavy Stranger (to wife): "That's right, Mabel, this is our place."

College Humor—

The young man carefully removed two cigars from his upper vest pocket and placed them on the table. Then he opened his arms.

But the young lady did not rush into them. "You," she said coldly, "have loved before."—*Pup.*

Doubtful

Teacher—"Now, if I lay three eggs here and five eggs there, how many eggs will I have?"

Skeptical Pupil—"I don't think you can do it!"

Comptometer INSTRUCTION SERVICE

C. VEBECK

Example 1.

Find equivalent yearly interest rate for

6% 10 days, net 4 mos.

Do this example from start to finish without cancelling the Comptometer.

Example 2.

13 rolls, each $2\frac{3}{4}$ inches wide and 335 yards long @ $3\frac{1}{2}c$ per square foot.

Do this example from start to finish without cancelling, and have the answer shown over the permanent decimal point.

Example 3.

Of course it is easy to add items on the Comptometer like—

Dozens	12ths
19	7
20	9
17	8
5	1
8	3
etc.	etc.
etc.	etc.

and obtain answer in dozens and proper "12ths" fractional part of "Dozens." Suppose in dividing the "12ths" by 12 you strike too many times—how would you proceed to get the proper answer easily without re-adding the dozens and "12ths"?

Example 4.

Find the "three-discount" chains that will make reductions as follows:

List	Net
\$20.00	\$3.144
21.00	3.444
22.50	3.672
23.75	4.620

Answer to the first is $60-40-34\frac{1}{2}$.

Example 5.

Multiply 22450 pounds at \$.04 per 100 kilograms, and have answer fall over permanent decimal point. Do this without cancelling, writing down, or remembering any intermediate results. (100 kilograms equals 220.46 lbs.)

Example 6.

Find the proper, completely reduced, fractional equivalent of .92307. Do this entirely on the Comptometer without using pencil or paper, and without cancelling from start to finish. To illustrate, the fractional equivalent of .75 is $\frac{3}{4}$.

Example 7.

Borrowed as follows, at 5% interest, on 365 day basis:

\$ 50.00 on 3/13/36
100.00 on 4/4/36

Paid back as follows:

\$55.00 on 5/8/36
80.00 on 5/16/36
15.00 on 5/22/36

Give easiest and quickest method to figure interest between dates, also obtain total interest, and get absolute proof of all figures and operations.

Example 8.

Find total interest on \$825.75 from following dates to 9/1/36 at $4\frac{1}{2}\%$ (360 day basis) by writing down only one amount (10177):

5-1-35
4-1-33
8-5-34
5-14-36
6-20-33
9-26-34

