Educational Department

E. E. QUINLAN,
T. A. WILT,
REV. D. CRAFT,
G. W. RYAN,
A. A. KEENEY,
Committee of Associate Editors.

Communications may be sent to either of the above editors, as may be preferred, and will appear in the issue of which he has charge.

G. W. RYAN, Editor present week.

RULES FOR MENSURATION.

The old editions of Robinson's Higher Arithmetic and latest edition, contain mensuration, but most of the editions of this book contain nothing of these import ant rules, and even if in every book but few teachers make pupils use them, except an occasional scholar who may complete the book. Many of these rules can be easily explained by arithmetic, but if arbitrarily memorized, the task is not very onerous, as there are only 20 o: them.

As soon as pupils understand decimals these rules should be gradually given in addition to daily lessons, and fixed in mind by abundant practice.

There is no reason why these should be deferred to the very last of an arithmetical course, and as a result many scholars leave school without knowing them.

Proportion, percentage and application, allegation and progression, in no way assist in these rules; square and cube root *are necessary*, and can and should be acquired when needed in using or learning these rules.

Many of the land masses (States, continents) are rectangles, triangles, etc., or combinations of such figures, and the area might be easily *computed* nearly correct by pupils, if familiar with these rules. Thus learned, such facts would be easily remembered.

This exercise would necessitate on the part of pupils, to find length, width, etc., the use of a scale of miles attached to all maps. Many do not know what the scale is, and it is generally ignored; hence pupils know little of the dimensions and area of the portions of land and water on our earth.

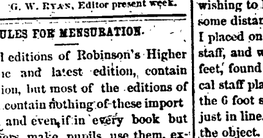
The diameter, 7916, multiplied by 3.141592 gives circumference (a process that any pupil can easily learn): The circumference divided by 360=69.16 nearly. A pupil taught the length of a degree at the equator in this manner, learns it with interest and never forgets it.

From lack of a good knowledge of these rules, a boy is often obliged to go a mile to borrow some measure, when a moment's application of these rules would render some pupil at home equally accurate and serviceable.

A pupil will learn these rules and applications, and the *mental lesson* besides, and have the mental lesson better than without such rules.

All of the rules of mensuration are demonstrated in our geometries except the rule for a scalene triangle, which is omitted from nearly all. Mr. I. S. Crawford, of the Towanda Graded School, being asked by his pupils for an explanation of the rule, developed the following demonstration:

Given the three sides of a triangle to find the area.



Let A B C be a triangle, having its sides represented by a b and c. From C let fall C D perpendicular to A B; then by Prop. 34, Cor. B, d, Loomis' Geometry, or Art. 46, Davies' Plane Trigonometry, we find that, if in any plane triangle, a line be drawn from the vertex of the vertical angle perpendicular to the base, dividing it into two segments, as the whole base, is to the sum of the two other sides as the difference of the sides is to the difference of the segments.

Hence $c : a+b :: a-b :$ D A — A D.

Whence D B — A D $= \frac{a^2-b^2}{c}$ But D B + AD $= c$, then $(D B + AD) = \left(c + \frac{a^2-b^2}{c}\right) = \frac{a^2-b^2+c^2}{2c}$

But as $C D^2 + C B^2 - D B^2$, $C D = \sqrt{a^2 - \frac{(a^2-b^2+c^2)^2}{(2c)^2}}$ or $\sqrt{\frac{4a^2c^2-(a^2-b^2+c^2)^2}{(2c)^2}}$

Since the area of any triangle is found by multiplying one-half the base by the altitude, we find the area of A B C $= \frac{1}{2}\sqrt{\frac{4a^2c^2-(a^2-b^2+c^2)^2}{(2c)^2} \times \frac{4a^2c^2-(a^2-b^2+c^2)^2}{16}}$

$= \frac{1}{4}\sqrt{\frac{2ac+(a^2-b^2+c^2)}{2}\cdot\frac{2ac-(a^2-b^2+c^2)}{2}}$

but $\frac{2ac+(a^2-b^2+c^2)}{2} = \frac{(a+b+c)(a-b+c)}{2}$

also $\frac{2ac-(a^2-b^2+c^2)}{2} = \frac{(a+b-c)(c-a+b)}{2}$

Now if we put $s = \frac{a+b+c}{2}$ the half sum of the three sides, $\frac{a-b+c}{2} = s-b$; $\frac{a+b-c}{2} = s-c$ and $\frac{c-a+b}{2} = s-a$. Hence the area of A B C $= \sqrt{s(s-a)(s-b)(s-c)}$.

Whence the rule: "From the half sum of the three sides, subtract each side separately; multiply together the half sum and the three remainders, and extract the square root of the product."

ANNEXED we give the programme for the next session of the Towanda District Teachers' Institute, Saturday, Nov. 17, 8 o'clock A. M. to 12 M., at Graded School building. These sessions are held regularly every two weeks, and are attended by the teachers of the Graded School, Towanda, and a few persons from adjacent districts.

Our object in making this notice is to give a cordial invitation to all teachers, directors, and friends of education to attend these gatherings,—to encourage by such presence, or to aid in instructing.

We feel that this gathering is entitled to at least *occasional* visits or aid from educators living within stone's throw of the place of meeting.

Why cannot there be at one or the other of the school buildings in Towanda a regular meeting of an organization of this kind that shall be generously attended and rendered exceedingly profitable. Let us hear from those favorable.

Teachers having the *opportunity* to attend and aid such an Institute, yet never there, could not conscientiously expect recommendations or assistance in procuring situations.

Programme.—8 to 8:10, Singing, Roll Call, and Minutes read.
8:10 to 8:35, Methods of Teaching, Discipline, etc.
8:35 to 9:40, Reading, or Penmanship.
9:40 to 9:45, Singing.
9:45 to 10:30 Arithmetic.
10:30 to 11:15, Grammar.
11:15 to 11:20, Singing.
11:20 to 12, Geography.

IT SEEMS to us that the people of Rome are fortunate in securing so well qualified and efficient teacher as Mr. Brown for the fall and winter school. As a mathematician he has few equals in the county. We hope to hear from him in the Educational column.

ARITHMETICAL EXAMPLES.

A person has a tin pail 10 inches diameter at the top, 6 inches diameter at the bottom, and 9 inches deep, which he wishes to use for measuring milk. Required the number of inches from the bottom and on the side of the pail that marks be placed to show when the pail contains a pint and when a quart.

Being upon the bank of a river, and wishing to know the distance to an object some distance beyond the opposite shore, I placed on the bank a six-foot vertical staff, and walking back from the bank 60 feet, found that the top of a 6½ foot vertical staff placed at that point, the top of the 6 foot staff and the distant object were just in line. Required my distance from the object.

A teacher suggests that the length of a degree of longitude on any parallel of latitude, may be found by simple proportion; *i. e.*, as the meridians approach each other 69⅓ miles in 90°, or from equator to the pole, on the fortieth parallel 40-90ths of 69⅓ miles must equal a degree.

This is not correct, as the space between two meridians and the part of a parallel of latitude intercepted by them is a *spherical* triangle instead of a *plane* one, and requires for its solution spherical trigonometry. We know of no arithmetical solution. Teachers may ascertain very nearly the length of a degree of longitude on any parallel by measuring on map of hemisphere or globe the space between any two meridians on say, 40th parallel, and applying the distance to the equator on same map or globe.

It will be noticed that 10 degrees on the fortieth make *less* than 10 degrees at the equator. Now multiply the number of degrees on the equator thus found by 69.16 and divide by 10.

The majority of the teachers at an educational gathering solved the following problem incorrectly and as it may profit some we insert it:

$3\times6+9\times5-8\div2=$ how many?

The answer is 59. In this case, as no vinculum or parenthesis is used, the sign of multiplication, or the sign of division, affects only the numbers between which it stands.

Sometime since a leading educator of our county claimed that it is incorrect to say ⅜ per cent.; that the correct expression is $\frac{3}{8}$ of one per cent. Robinson's arithmetics contain many similar expressions, and we do not hesitate to say 6¼ per cent.; why not ¼ per cent.?

KERL'S Common School Grammar is somewhat like the reputation of hotel hash: it contains plenty of material, but would stand sorting and classification.

We fail to find in his grammar as complete and concise instruction as the following from Brown's Grammar:

Rule." "Active-intransitive, passive and neuter verbs, and their infinitives and participles, take the same case after as before them when both words mean the same person or thing."

To aid in understanding and applying the rule, the following is given in the same author: "As infinitives and participles have no nominatives of their own, such as are not *transitive* may take *different* cases *after* them, and to determine *what* case follows, the learner must carefully notice what *preceding* word means the same thing: if the preceding word be nominative, the word following will be nominative;" *e. g.*, He desires to be a good *scholar*. "If the word preceding the infinitive or participle be objective the word following will be *objective after*; *e. g.*, I knew it to be *him*. *It* is in the *objective*, hence *him* is objective after *to be*. We have quoted the rule and explanation from *memory*. Kerl calls *him* in above sentence a predicate substantive.

"He likes gold—*that* being his *idol*."

Please parse the underscored words in the last sentence.

THE following are the appointments for exercises at the next session of the Teachers' Association, to be held at Troy, Friday and Saturday, November 9 and 10: Lecturer, Rev. C. T. HALLOWELL, of Troy; Papers, Prof. EMERY, of Smithfield, and E. B. MCKEE; Essay, MINNIE C. GROUS; Methods of Teaching, Profs. MCCOLLOM, QUINLAN, and CRAWFORD; Recitations, GRACE SAYLES, MATTIE CARD, LIBBIE SHANNON; Declamation, WILL GRANT, CARPENTER J. BLOOM, GEO. COSPER; Committee to arrange course of study and gradation of district schools and report to Association, J. A. WILT, Supt. KEENEY, J. T. MCCOLLOM, A. T. LILLEY, G. W. RYAN; Business Committee, HON. DELOS ROCKWELL, ANNIE H. ADAMS, SARAH E. BALLARD, ELIZA ADAMS, J. H. GRANT, B. B. MITCHELL, J. T. MCCOLLOM.

ED. EDUCATIONAL DEPARTMENT: The following questions have recently passed under my observation, the discussions of which hardly suffice to satisfy me, and others with myself would be glad to accept of a decision and an explanation from you. Are the following sentences *grammatically* correct?

1. If one cubic foot of water weighs 1,000 ounces, what does three cubic feet weigh?

2. If ¼ of 9 is 3, what is ⅔ of 9?

H. S. PATTERSON.

Sept. 29, 1877.

MR. THOMPSON, of the Rolling Mill (South Towanda) School, from what we hear, is a sharp disciplinarian,—the needed thing there,—and a faithful teacher. Many of the parents, by permitting their children to run away from, or be irregular at school, are robbing them of their only *probable* legacy—an education. When too late the parents will lament such action, and the children curse parents for not doing a plain duty.

HECTOR S ALEY is gaining additional experience and achieving success at Hornbrook.

EDUCATION.

ELMIRA BUSINESS COLLEGE.

This institution has reduced its rates of tuitio to $40 for a complete course. Send for a College Journal giving full information free. Address,

A. J. WARNER, Elmira, N. Y.

Oct.1,3m.

ENGLISH AND FRENCH LESSONS will be given during the Fall and Winter to those desirous of studying the

GERMAN OR FRENCH LANGUAGE,

By Mrs. M. C. MERCUR, at her residence on Chestnut Street.

TERMS—$10 for a quarter of 20 Lessons with a reduction in price to those in classes of not less than six.

Mrs. MERCUR will also resume her Class in English Literature after the holidays, combining with it lessons in Elocution if the size of the class will justify it. In this case, the number must be made up by December 1st. Those therefore who wish to attend will please send in their names before that time. The Class will meet twice a week.

TERMS—$10, and no deduction for occasional absence. sept27.

THE SISTERS OF MERCY beg leave to inform their friends in Towanda and neighborhood, that they will open their Academy on

MONDAY, THE 17TH INSTANT,

Their system affords every advantage for the acquirement of a solid and refined education.

The Academic year is divided into two sessions of five months each.

For Music, Drawing in Pencil and Pastel, Painting in Oil, Languages, and Fancy Work, charges are extra.

The Parochial School will open about a week after.

Furniture.

ONE HUNDRED THOUSAND DOLLARS WORTH OF FURNITURE

TO BE SOLD IN

THE NEXT NINETY DAYS!

In order to reduce our Stock before the close of the year, we have decided to offer our

LARGE STOCK OF GOODS

AT VERY LOW PRICES

FOR CASH,

DURING THE NEXT NINETY DAYS!

YOU WILL FIND A

FULL ASSORTMENT OF

WALNUT, CHESTNUT, ASH AND ENNAMELED CHAMBER SUITS,

IN EASTLAKE, FRENCH, GOTHIC AND MODERN STYLE.

PARLOR SUITS

IN HAIR CLOTH, TENT SATIN AND PLUSH

CHAIRS, BEDSTEADS, TABLES, STANDS, BUREAUS, MATRESSES, SPRING BEDS, LOOKING GLASSES, &C., IN ENDLESS VARIETY.

ALL OF WHICH WILL BE SOLD WAY DOWN FOR CASH ONLY BY THE MANUFACTURERS.

CALL AT THE OLD ESTABLISHMENT OF

J. O. FROST'S SONS,

MAIN STREET.

Oct. 12-77-3m.

A CHANGE IN THE BRIDGE STREET FURNITURE STORE

The undersigned has purchased this establishment of J. S. Allyn & Co., and will keep a

FULL STOCK OF GOOD FURNITURE!

WHICH HE WILL SELL LOW!

Mr. ALLYN may still be found at the old place, and will have charge of the

UNDERTAKING DEPARTMENT.

All funerals will be conducted in good taste, and the charges will be reasonable.

N. P. HICKS,
Successor to J. S. Allyn & Co.,
BRIDGE-ST., TOWANDA.

THE GRAPHIC

PARLOR STOVE,

FOR SALE AT

H. T. JUNE'S HARDWARE

STORE!

IN MERCUR BLOCK,

TOWANDA, PA.,

IS THE BEST IN USE.

Oct. 12-77.

Groceries and Provisions.

CONVENIENT NEW ARRANGEMENT.

The demand for a

GROCERY STORE

in a convenient location has induced us to enlarge our store and supply ourselves with a full line of

CHOICE FAMILY GROCERIES

PURCHASED FOR CASH,

And which will be sold as low as the same quality can be purchased anywhere.

We keep on hand the

CHOICEST BRANDS OF FAMILY FLOUR.

All goods delivered free of charge in the borough.

We also continue the

BAKING BUSINESS,

And our customers can procure

FRESH BREAD,
FRESH BISCUIT,
ROLLS, CAKES,
AND PIES,

Every day, as usual.

FILLING ORDERS FOR PIC-NICS AND PARTIES A SPECIALTY.

One Door North of Ward House.

D. W. SCOTT & CO.

Towanda, March 15, 1877.

STEVENS & LONG,

WHOLESALE & RETAIL

Dealers in

CHOICE FAMILY GROCERIES,

COUNTRY PRODUCE,

GRAIN, &C.

Having a large and commodious store we are prepared at all times to carry a large stock.

CASH PAID FOR BUTTER,

GRAIN AND PRODUCE.

Or taken in exchange for goods, an lowest cash prices. Our long experience in the Grocery Trade gives us peculiar advantages in purchasing, and as we are not ambitious to make large profits, we flatter ourselves that we can offer

GREATER INDUCEMENTS TO

Buyers than any other establishment in Northern Pennsylvania.

STEVENS & LONG,

CORNER MAIN & BRIDGE ST.,

TOWANDA, PA

may13.

GROCERIES & PROVISIONS

McCABE & EDWARDS,

Cash dealers in a kinds of

GROCERIES & PROVISIONS.

CNE DOOR NORTH OF CODDING & RUSSELL

Towanda, July 22, 1 875

Crockery Ware.

NEW FIRM AND NEW GOODS

H. J. Madill

Has filled up the old store of O. A. Black with a full line of

CROCKERY,
CHINA, CHINA,
GLASSWARE!

CUTLERY,
SILVER PLATED GOODS,
STONEWARE!

BABY WAGONS,
FANCY GOODS,
TOYS, TOYS!

HOUSE FURNISHING GOODS!

A great variety of

LAMPS, LANTERNS, CHIMNEYS!

A NEW DEPARTURE!

Sewing Machines of the leading makes sold for Cash at store, at wonderfully low prices.

MACHINE NEEDLES & OIL

LADIES, GENTS AND CHILDREN

Are invited to look over our assortment, as we are determined to do all in our power to please. Remember the place,

"OLD CROCKERY STORE."

Towanda, May 10, 1877.

Musical Instruments.

DURING THE HARD TIMES,

L. B. POWELL

Offers a number of Second-Hand

PIANOS AND ORGANS,
PIANOS AND ORGANS,
PIANOS AND ORGANS,

At very low prices for Cash.

4-Octave Rosewood Melodeons	$15 00
5-Octave Rosewood Melodeons	20 00
5-Octave Rosewood Melodeons, Piano-Case	35 00
4-Octave Portable Organs	35 00
8-Octave Black-Walnut, Double-Reed Org's	50 00
8-Octave Black-Walnut, Double-Reed Org's	65 00
8-Octave Double-Reed Organs, 4 stops	75 00
6-Octave Mahogany Pianos	32 00
6½-Octave Rosewood Pianos	45 00
7-Octave Rosewood Pianos	80 00
7-Octave Rosewood Pianos, Carved Legs	150 00

WARRANTED ALL IN GOOD ORDER.

Mr. Powell is the General Agent for the

CHICKERING PIANOS,
CHICKERING PIANOS,
CHICKERING PIANOS,

AND

MASON & HAMLIN ORGANS,
MASON & HAMLIN ORGANS,
MASON & HAMLIN ORGANS,

Which are the most reliable instruments of their class made, and which are now sold at prices that place them within the reach of all. A number of each, which have been rented, are offered at bargains. One Rosewood Chickering Piano, seven-octave, carved legs and lyre, $300. One Elite, extra carvings, $50. One Mason & Hamlin Church Organ, with three sets of reeds, $100.

Pianos and Organs on easy monthly payments. Call on or address

L. B. POWELL,
113 WYOMING-AVE., SCRANTON, PA.
Next to *Republican* Building.

Scranton, Pa., Aug. 23, 1877.

THE HIGHEST HONORS AT THE CENTENNIAL EXHIBITION!

The Judges unanimously recommend the MENDELSSOHN PIANOS for the DIPLOMA OF HONOR AND MEDAL OF MERIT! Placing them in the front rank without a superior.

PRICES BELOW COMPETITION FOR STRICTLY FIRST-CLASS INSTRUMENTS.

$600 for $250.	$1000	$650 for $275.
$700 for $300.	for	$750 for $325.
$800 for $350.	$450.	$900 for $400.

NO COMMISSION TO AGENTS,
NO DISCOUNTS TO TEACHERS,
NO DEVIATION IN PRICE

THE MENDELSSOHN Grand, Square, and Upright Pianos contain valuable patents and improvements never before introduced.

MATHUSHEK'S NEW PATENT DUPLEX OVERSTRUNG SCALE is the greatest advance in the history of Piano making, producing the most astonishing power, richness and depth of tone, and a sustaining singing quality never before attained, being a "Grand Piano in a Square Case."

THE MENDELSSOHN UPRIGHTS are the finest in America. They are pronounced the "Pianos of the Future."

MANUFACTORY AND WAREROOMS:
Nos. 490, 492, 494, 496 and 498 West 57th Street.
Nos. 858, 860, 862, 864, 866 and 870 10th Avenue.

PIANOS SENT ON TRIAL.

Illustrated and descriptive Catalogue mailed free.

MENDELSSOHN PIANO CO.,
BUSINESS OFFICE
No. 36 Broadway, New-York.

Feb1 77.

TOWANDA MUSIC EMPORIUM!

Cor. Main and Pine-sts.

HOLMES & PASSAGE,

Wholesale and Retail dealers in all kinds of

MUSICAL INSTRUMENTS

AND

SHEET MUSIC,

Invite the public to an examination of their establishment.

The celebrated

MATHUSHEK PIANO

Continues to be the favorite with Musicians, and well sustains the high reputation earned. It is not necessary to go into any extended description of the instrument; as its merits will be apparent to all on examination.

We also have the agency for

GEORGE WOODS & CO.'S

PARLOR & VESTRY ORGANS,

These instruments are celebrated the world over for their remarkably pure and brilliant

QUALITY OF TONE!

Which is owing to their famous Combination Solo Stops: Aeoline, Vox Humana, Piano, all of which are separate and additional sets of Reeds and Bars, so arranged as to admit of an almost endless variety of orchestral effects and beautiful combinations;

THEIR EXTRAORDINARY POWER,
ELEGANCE OF STYLE,
AND THORO' CONSTRUCTION AND FINISH.

Among the many Patents owned and used by the above firm, are

SEPARATE SOLO SETS,
WOODS' OCTAVE COUPLER,
IMPROVED VALVES,
PATENT CASES,
PIANO ATTACHMENT,
AND BELLOWS.

We offer all our instruments at the lowest figures, and guarantee them just as represented. Don'n be deceived by traveling agents, but come directly to headquarters, where you are sure of getting just what you bargain for.

HOLMES & PASSAGE.

Towanda, March 8, 1877.

$600 PIANOS FOR $250.—And all other styles in the same proportion, including Grand, Square and Upright—all *first-class*—sold direct to the *people at factory prices*. No agents; no commissions; no discounts. These Pianos made one of the finest displays at the Centennial Exhibition, and were unanimously recommended for the HIGHEST HONORS. New Manufactory—one of the largest and finest in the world. The Square Grands contain Mathushek's new patent Duplex Overstrung Scale, the greatest improvement in the history of piano making. The Uprights are the *finest in America*. Don't fail to write for illustrated and Descriptive Catalogue,—mailed free.

MENDELSSHON PIANO CO.,
No. 36 Broadway, N. Y.

apr.19

REDUCTION IN PIANO TUNING!

I propose to tune Pianos hereafter for

EACH TIME, OR $4 BY THE YEAR.

When instruments are outside the Borough, an extra charge will be made for travelling fee.

I continue to sell

ORGANS AND PIANOS

Of the best manufactures, as usual.

Apply to or address

PROF. WM. DITTRICH,
Towanda, Pena's.

Towanda, Feb. 22, 1877.

Watches, Jewelry, &c.

WATCHES,
JEWELRY,
SILVER WARE,
&C.

M. HENDLEMAN,

Dealer in

FINE AMERICAN AND SWISS

GOLD AND SILVER WATCHES,

and

FINE JEWELRY.

Also

STERLING SILVER

and

SILVER PLATED WARE,

CLOCKS,

FROM THE CHEAPEST TO THE BEST.

GOLD, SILVER AND STEEL

SPECTACLES & EYE GLASSES.

One door north of Dr. Porter & Son's Drug store, Main Street,

TOWANDA, PA.,

jan6-78.

NEW JEWELRY STORE.

W. A. ROCKWELL

Is receiving a new supply to his large stock of goods,

SUCH AS

SILVER PLATED WARE,

GOLD AND PLATED SETS

AND RINGS,

CLOCKS,

And everything in the line, which will be sold at

LOWEST POSSIBLE PRICES.

Please give us a call and examine our goods.

Repairing done at the shortest notice.

W. A. ROCKWELL.

Dec. 12, 1876.

FIRST NATIONAL BANK OF TOWANDA.

CAPITAL.....$125,000.
SURPLUS FUND..... 80,000

This Bank offers UNUSUAL FACILITIES for the transaction of a

GENERAL BANKING BUSINESS

INTEREST PAID ON DEPOSITS ACCORDING TO AGREEMENT.

SPECIAL CARE GIVEN TO THE COLLECTION OF NOTES AND CHECKS.

Parties wishing to SEND MONEY to any part of the United States, England, Ireland, Scotland, or the principal cities and towns of Europe, can here procure drafts for that purpose.

PASSAGE TICKETS

To or from the Old Country, by the best steam or sailing lins, always on hand.

FAMILIES BROUGHT OVER AT REDUCED RATES;

highest price paid for U. S., Bonds, Gold and Silver.

JOS. POWELL, President. N. N. BETTS, JR. Cashier.

W. H. DODGE,

AT

FIRST NATIONAL BANK, TOWANDA, PA.

REPRESENTS

GIRARD FIRE INSURANCE CO., of Phila'a.,

AND

PHŒNIX MUTUAL LIFE INSURANCE CO., of Hartford.

Over $130,000 insurance on lives in Bradford Co.

Towanda, Pa., Feb. 1, 1877.

THE GREAT WEDDING CARD DEPOT.

The latest styles in

WEDDING INVITAUIONS.

Prices lower than any House in the Country.

ORDERS BY MAIL

PROMPTLY ATTENDED TO.

WM. H. HOSKINS,

STATIONER AND ENGRAVER,

913 Arch Street, Philadelphia.

April 12, 1877.

THE SUBSCRIBER TAKES Pleasure in calling the attention of his numerous patrons and the public generally, to the fact that he still continues a

GENERAL MARKET BUSINESS

At the OLD STAND of MYER & RUNDELL, in Carroll's Block, nearly opposite the Means House, and that he is prepared to furnish

SALT AND FRESH MEATS,
FRESH POULTRY,
VEGETABLES AND BERRIES

Of the very best quality, at as low rates as any other establishment.

C. M. MYER.

June 1, 1876-tf

HAIGH & BROADLEY,
Manufacturers of Woolen Goods, Yarns, &c

CARDING & DRESSING,

Done to order.

Cash paid for wool, also cloths exchanged for wool

jun8-3m LERAYSVILLE, PA.

WOOL CARDING.—The subscriber will card rolls the present season at his old establishment in Camptown, Pa. From his long experience the public may be sure of having their work done in the best possible manner, and with dispatch, as he will give his personal and close attention to the business. Price 6 cts per pound. Wool taken in payment when desired.

Camptown, June 5, 1877. H. B. INGHAM.

Coal and Lime.

HENRY MERCUR,

Dealer in

ANTHRACITE AND SULLIVAN ANTHRACITE

COAL,

CORNER PARK AND RIVER STREETS, TOWANDA,

YARD PRICES (CASH).

ANTHRACITE.

EGG	5 00
STOVE	5 00
CHESTNUT	5 00
PEA	3 50

SULLIVAN ANTHRACITE.

EGG	$4 50
STOVE	4 50
CHESTNUT	4 50
SMALL NUT	3 00

Coal screened, and delivered to any part of Boro', adding cartage to the above prices. ALL ORDERS MUST BE ACCOMPANIED BY THE CASH.

H. MERCUR.

Towanda, Jan 5, 1877.

COAL,
COAL,
COAL.

We keep on hand at our yard all sizes of Pittston and Wilkes Barre coal, and Loyal Sock coal, from the Sullivan County Mines. Also, Barclay Lump and Smith.

We keep the best quality of Lime, Hair and ment, Brick and Plaster, all of which we will at bottom prices.

PIERCE & SCOTT.

Towanda May 1st, 1876.

CHEAP COAL AND LIME.

From and after July 1, I will sell coal, lime, &c., for cash only, and the price list will be corrected monthly.

PRICE OF COAL FOR JULY, PER TON OF 2,000 lbs. AT THE YARD:

Pittston Stove, Chestnut and Furnace	$5 00
" Pea	2 50
Carbon Run Lump	4 00
" Smith	3 00
Barclay Mountain Lump	3 50
" Smith	2 75
Allentown Lime ⅌ bushel	22
Lath ⅌ M	2 25
Hair ⅌ bushel	40
Brick ⅌ M	10 00

I am always prepared to deliver purchases on short notice at the usual price of delivery.

I also tender my thanks to my many friends and customers for their very liberal patronage in the past and hope under the new departure to make it to their interest to continue to buy where they can get the best goods for the least money.

Those who are indebted to me will take notice that I must have money or I can't buy for cash and pay freights. They must settle by the first of August next.

Very Respectfully Yours,
J. H. PHINNY.

Towanda, July 1, 1875.

THE AMERICAN CYCLOPEDIA

Presents a panoramic view of all human knowledge, as it exists at the present moment. It contains an *inexhaustible* fund of accurate and practical information on *every subject*, embracing Art and Science in all their branches, including—

Mechanics,	Mathematics,	Astronomy,
Philosophy,	Chemistry,	Physiology,
Geology,	Botany,	Zoology,
Light,	Heat,	Electricity,
Biography,	History,	Geography,
Agriculture,	Manufactures,	Commerce,
Law,	Medicine,	Theology,
Painting,	Music,	Sculpture,
Drawing,	Engraving,	Music,
Education,	Language,	Literature,
Engineering,	Mining,	Metallurgy,
Trade,	Inventions,	Politics,
Products,	Political Economy,	Governments,
Finance,	Exports,	Imports,

The Armies, and Military Engines, of all ages.
All the Industrial Arts and the Things of Common Life,
Practical Science, and General Literature.

In this great work, which, for purposes of reference, *is more valuable than a thousand volumes*, all can obtain the means of informing themselves on every subject in which they may be interested, thus gaining knowledge and ideas that will directly contribute to their business or professional success.

A saving of *ten cents per day* from luxuries or frivolities would buy a complete set of the Cyclopædia by a bimonthly order, thereby securing "a library of universal information" with *but little effort or sacrifice*.

The publishers would respectfully infor the public that this work is sold only by them and their agents, and in no case at less than the prices printed on this card.

The cost of this work to the publishers, exclusive of paper, printing, binding, exceeds $500,000.

The cost to purchasers is less than one cent *per page.*

CLOTH...per vol.	$5.60	LEATHER...per vol.	$6.00
HALF TURKEY, "	7.00	HALF RUSSIA "	8.00
FULL TURKEY, "	10.00	FULL TURKEY, "	10.00

D. APPLETON & CO., Publishers,
New York, and 922 Chestnut Street, Phila.
Sept.6, 77.

99 THE BOSTON 99 CENT STORE.

NO 1 MERCUR'S BLOCK, MAIN STREET.

Books	99	Picture Frames, 1, 2, 3 & 4	99
Vases	99	(Bird Cages, brass and painted	99
Pictures	99	(Ladies' Sewing Basket	99
Leather Bags	99	(Brackets of every description	99
Hassocks all kinds	99	(Whips, 7ft whalebone	99
Table & Pocket cutlery	99	(Clocks	99
Gloves and Mittens	99		
Fine Wax Dolls	99		
Silver Plated Casters	99		

A Full Line of Ladies' and Gents' Underwear...99
Ladies' Sewing Chairs (rockers) ...99

And one thousand other articles.

COME AND SEE THEM.

Sept 20,'77 C. L. CORNWELL.

99 99

Hotels.

HENRY HOUSE,

(ON THE EUROPEAN PLAN.)

CORNER MAIN & WASHINGTON STREETS

TOWANDA, PA.

This large, commodious and elegantly-furnished house has just been opened to the traveling public. The proprietor has spared neither pains nor expense in making his hotel first-class in all its appointments, and respectfully solicits a share of public patronage. MEALS AT ALL HOURS. Terms to suit the times. Large stable attached.

WM. HENRY, PROPRIETOR.

Towanda, June 7, '77-tf.

MEANS HOUSE, TOWANDA PA.,

CORNER MAIN AND BRIDGE STREETS.

The Horses, Harness, &c., of all guests of this house, insured against loss by Fire, without any extra charge.

A superior quality of Old English Bass Ale, just received.

T. R. JORDAN,
Towanda, Jan. 24, '74. Proprietor.

THE CENTRAL HOTEL,
ULSTER, PA.

The undersigned having taken possession of the above hotel, respectfully solicits the patronage of his old friends and the public generally.

aug16-tf. M. A. FORREST.

ELWELL HOUSE, TOWANDA, PA.,

JOHN SULLIVAN.

Having leased this house, is now ready to accommodate the traveling public. No pains nor expense will be spared to give satisfaction to those who may give him a call.

North side of Public Square, east of Mercur's new block.

EAGLE HOTEL,

TOWANDA, PA.

At the corner of Court and River-sts., directly in the vicinity and south of the Court House.

JOHN BURKE, PROPRIETOR.

The above house has been re-furnished and refitted, and is now open to the traveling public. The Bar will at all times be supplied with the best of liquors. Good stabling attached to the premises. Boarders by the day or week accommodated.

May 10, 1876.) JOHN BURKE.

J. H. CAREY,

TAILOR.

SHOP OVER STEVENS & LONG'S STORE.

Gent's clothes cut and made to order in the newest fashions. Cutting and repairing done on short notice at reasonable rates, and satisfaction guaranteed. Please give us a call.

Towanda, Oct, 4, '77. JAMES H. CAREY.

Drugs and Medicines.

DR. H. C. PORTER'S

OLD CASH DRUG STORE,

Corner Main and Pine Sts., Towanda, Pa.

(*Established over a quarter of a Century.*)

Wholesale and Retail Dealer in

DRUGS, MEDICINES, CHEMICALS,

ACIDS, DYE-STUFFS, & GLUE,
PERFUMERY, TOILET AND FANCY-GOODS,
SPONGES, BRUSHES, BRACES & TRUSSES,
SOAPS, COMBS, POMADES, HAIR DYES,
TEETH, SKIN, and HAIR PREPARATIONS,
RAZORS, POCKET-KNIVES
POCKET-BOOKS AND PORT-MONNAIES,
MACABOY and SCOTCH SNUFF,
FOREIGN AND DOMESTIC CIGARS,
GARDEN, FIELD AND FLOWER SEEDS,

Pure Wines and Liquors, for Medicinal Purposes
BOTANIC, ECLECTIC & HOMŒOPATHIC REMEDIES,
And all genuine popular Patent Medicines.

SUPPORTERS, SUSPENSORIES, BREAST PUMPS, NIPPLES, NIPPLE SHELLS & SHIELDS, NURSING BOTTLES, TEETHING RINGS, SYRINGES, BED PANS, URINALS, THERMOMETERS, ELASTIC STOCKINGS, &C.

KEROSENE OR COAL OIL,

WICKS, CHIMNEYS, BATH BRICK, SPERM, LARD, WHALE, NEATS FOOT, TANNER'S, AND MACHINE OILS, ALCOHOL, AND SPIRITS TURPENTINE,

Sash, Paint, Varnish, Whitewash, Counter, Horse, Mane, Shoe, Scrubbing, And all kinds of brushes.

WINDOW AND PICTURE GLASS, of all sizes.

PURE LINSEED OIL, PAINTS, PUTTY, AND VARNISH.

READY MIXED PAINTS OF ANY DESIRED COLOR BY THE POUND, PINT OR GALLON, GROUND IN OIL OR VARNISH, AND DRY COLORS OF ALL HUES.

All articles warranted as represented.

Prescriptions carefully compounded at all hours of day and night. Open Sundays for Prescriptions from 9 to 10, A M., 12 to 1 and 5 to 6 P.M.—(may1875.

AYER'S CATHARTIC PILLS,

For all the purposes of a Family Physic, and for curing Costiveness, Jaundice, Indigestion, Foul Stomach, Breath, Headache, Erysipelas, Rheumatism, Eruptions and Skin Diseases, Biliousness, Dropsy, Tumors, Worms, Neuralgia, as a Dinner Pill, for Purifying the Blood, are the most effective and congenial purgative ever discovered. They are mild, but effectual in their operation, moving the bowels surely and without pain. Although gentle in their operation, they are still the most thorough and searching cathartic medicine that can be employed: cleansing the stomach and bowels, and even the blood. In small doses of one pill a day, they stimulate the digestive organs and promote vigorous health.

AYER'S PILLS have been known for more than a quarter of a century, and have obtained a world-wide reputation for their virtues. They correct diseased action in the several assimilative organs of the body, and are so composed that obstructions within their range, can rarely withstand or evade them. Not only do they cure the every-day complaints of everybody, but also formidable and dangerous diseases that have baffled the best of human skill. While they produce powerful effects, they are, at the same time, the safest and best physic for children. By their aperient action they gripe much less than the common purgatives, and never give pain when the bowels are not inflamed. They reach the vital fountains of the blood, and strength en the system by freeing it from the elements of weakness.

Adapted to all ages and conditions in all climates containing neither calomel nor any deleterious drug, these Pills may be taken with safety by anybody. Their sugar-coating preserves them ever fresh and makes them pleasant to take; while being purely vegetable, no harm can arise from their use in any quantity.

PREPARED BY

DR. J. C. AYER, & CO., LOWELL, MASS.,

Practical and Analytical Chemists.

SOLD BY ALL DRUGGISTS EVERYWHERE

Wagons and Carriages.

THE OLD ESTABLISHMENT STILL TAKES THE LEAD!

Carriages CHEAPER THAN EVER, and Platform Wagons at a GREAT REDUCTION.

JAMES BRYANT,

Proprietor of the Old Carriage Manufactory, cor. Main and Elizabeth streets, would call the special attention of FARMERS and others to his large and complete assortment of

OPEN AND TOP BUGGIES AND PLATFORM WAGONS,

All of his own manufacture, and warranted in every particular, to be equal to the most expensive city work.

NOW IS YOUR TIME TO BUY!

Look at the figures, and remember that every vehicle is warranted:

PLATFORM WAGONS	$100 to $110
OPEN BUGGIES	80 " 100
TOP BUGGIES	125 " 150

The prices are far below the cost of manufacture and will not be maintained after the present stock is disposed of, so you must make selections NOW.

Don't be imposed upon by inferior work and poor materials, but purchase at the establishment which has