

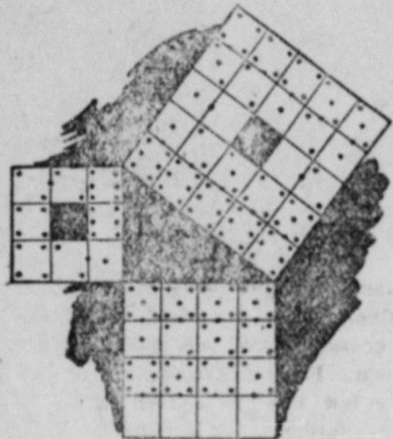
DOMINOS AND GEOMETRY.

Clever Method of Demonstrating a Proposition in Euclid.

Here is a very clever method of demonstrating a proposition in mathematics which will interest and at the same time instruct our boys and girls and will give those who are not very far advanced in arithmetic a glimpse of the pleasures in store for them when they enter upon the study of geometry.

No proposition in mathematics has been the cause of more perplexity than No. 47 in the first book of Euclid—the square described on the hypotenuse of a right angled triangle is equal to the sum of the squares described on the other two sides.

We know that the hypotenuse is less than the other two sides taken together, and it seems reasonable to assume that the square described upon



THE SQUARES OF THE TRIANGLE.

It should also be less. But we know at the same time that the proposition may be readily demonstrated. Indeed many of us have demonstrated it time and again.

Perhaps it may simplify the matter somewhat if we use dominoes to show how this demonstration may be made, and the accompanying illustration has been drawn for this purpose.

Each domino, as you know, is a rectangle composed of two squares. Having drawn a right angled triangle, we proceed to construct a square upon the hypotenuse by means of the dominoes. We find that we may form a perfect square by placing twelve dominoes as shown in the picture—that is to say, we have twenty-four squares, with an empty space in the center equal to one of the squares, or twenty-five equal squares in all.

On the second side of the triangle we place four dominoes, which, with the empty space in the center, gives us nine equal squares, and on the third side we place eight dominoes, giving us sixteen equal squares.

This completes the demonstration, for we have twenty-five squares on the hypotenuse and sixteen plus nine, or twenty-five, squares on the other two sides.

Jack Saw Them.

One day the primary teacher had been talking about Jack and Jill and asked the little people to draw a picture showing what she had told them. When the pictures were gathered, it was noticed that one little boy had drawn several stars about Jack's head. The teacher said:

"Why, Freddie, why do you have those stars in the picture? It was in the daytime when Jack and Jill went for the water."

Freddie looked up as if surprised at the dullness of the teacher and said:

"Why, Miss —, they are the stars that Jack saw when he fell down."

Pins and Marbles.

Each boy or girl receives three pins, which are stuck upright in the carpet. Marbles are then used to bowl over the pins. Naturally there must be a prepared place for the pins to be stuck and for the bowler to stand in order that everybody shall have an equal chance. If more than one boy or girl should succeed in downing all three pins in the three bowls allowed by the rules, the successful players can have "rubber" games together until one or the other becomes champion.—Washington Star.

An Easy Task.

Bob had been taught never to tell tales, and he meant to live up to his teaching, but sometimes it was hard work. "Bob," said his mother one day, "I left a dish of peppermints on my table this morning and there isn't one there now. Have you and Carl eaten them?" "I haven't eaten one," said Bob stoutly, "but" — then he remembered he must not be a talebearer. "Well — perhaps, if you'd better just smell Carl, and I guess then you'll know all about it!"

A Noisy Parrot.

One morning when the milkman came in the gate Polly was in the window and said to him, "Get out of here!" The milkman, supposing it was one of the family, went away thinking he had a very impolite way of letting him know when we didn't wish him. He did not get far when he heard, "Sweet corn, green peas, strawberries!" and recognizing Polly's voice he saw how he had been deceived and came back and gave us our milk.—Exchange.

Corinne's Reason.

Corinne had been to Sunday school, and she learned a verse to say. "Repeat it, dear," a lady urged, "Who called to see mamma one day." Corinne thought hard, then frowned a bit. "I can't just sink today of that. 'Cause why," she hastily explained, "I haven't on my Sunday hat!"

Ironing Board Bag.

A dark calico bag or case to cover the ironing board when not in use is one of the things every practical housekeeper should possess. It is a nuisance to remove the ironing sheet every time the board is put aside, but unless this is done or the board covered the sheet becomes soiled and damaged.

THE GIRL WHO IS LOVED.

She Must Be Admired by Those of Her Own Sex.

A woman cannot be said to be truly attractive or popular unless she is loved and admired by the members of her own sex as well as the opposite. She must be welcomed by all, old and young, male and female, or she cannot be called an attractive woman without reservation.

She must be herself, her best self, at all times and with all people. She must think and act for herself and express her own opinions rather than try to copy some person she may admire or who is admired by the lords of creation. Individuality when combined with polite manner and tact is always attractive. A woman's happy, infectious laugh is better than medicine or advice, and her cheerful presence is as welcome as the sunshine.

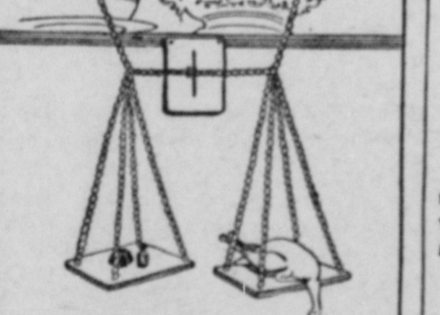
A girl to be truly popular never says mean things about other girls, thinking that the men will like her better, and she doesn't try to monopolize the attentions of all the men at once, but is willing to let other girls have their share of admiration and attention along with her. She doesn't mope and retreat within herself if there are no men about to admire her, but she cheerfully sets about making the best of matters without them and making such companions as she has happier and brighter for her presence.

If she has a grievance, she keeps it to herself, for a woman with a grievance is very soon voted a bore. The weeping, fainting, sad eyed young woman is very much out of style nowadays not only in novels, but in real life, and the healthy, happy, independent, cheerful and sunny girl has totally eclipsed her in popularity.—American Quill.

A Homemade Scales.

A good enough balance for ordinary purposes is made by suspending two equal pieces of thin board, tin or cardboard from points six inches to right and left of a knot in the middle of a yard long cord, the ends of which are

fastened to two nails two feet apart. A white card with a mark is tacked up behind the knot. The knot moves to the left when an object is put in the right scale pan. The weights that must be put in the left pan to bring the knot back to the mark give the weight of the object.



AN EASY WAY TO WEIGH.

Education of Women. The progress in education is so marked and so well understood as to need but little comment. When in 1851 Mrs. Stanton, Lucy Stone and I made a demand that girls in the state of New York should be permitted an opportunity for a college education, there was not even a high school open to them in the whole United States. Oberlin, O., was the only college they could enter, and there were no preparatory schools to fit them for that institution. At the present time they are admitted to all the state universities except those of Virginia, Georgia and Louisiana and to all the large universities of the middle and western states. The unwarped and retrogressive action of Chicago university in "segregating" the women students shows that the battle is not entirely over, but the end is in sight.—Susan B. Anthony in Collier's Weekly.

A Sewing Convenience.

Here is a good suggestion for the benefit of busy mothers who do their own sewing and have many interruptions, thereby losing thimble and needle: Take some dark cretonne or any heavy material and make a small bag the shape of an open envelope about seven inches long. Sew a safety pin on the point of the envelope, put a small whalebone across the back to keep it firm and straight and stitch it strong. Then put in thread, thimble, scissors, some tape and a few buttons of various sizes. Pin the envelope to the side, and thus equipped many a necessary stitch will be taken and time and temper saved.—Brooklyn Eagle.

Keep Your Temper.

Don't exhaust all your reserve force over petty cares. Each time that one loses control over herself, her nerves, her temper, she loses just a little nervous force, just a little physical well being and moves a fraction of an inch farther on in the path that leads to premature old age, says the Philadelphia Inquirer.

To Whiten the Hands.

Melt a pound of white castile soap over the fire with a little water. When melted, perfume slightly with any one of the extracts and stir in half a cupful of common oatmeal. Use this preparation when washing your hands and you will be surprised at the improvement in their appearance.

Key to the Puzzler.

No. 1.—Metagram: Letter, better, fetter, setter, letter. No. 2.—Illustrated Zigzag: Hawthorne. 1. Horse. 2. Banjo. 3. Newel. 4. Slate. 5. Sloth. 6. Lemon. 7. Purse. 8. Anvil. 9. Eagle. No. 3.—A Crowd of Boys: 1. Alfred. 2. Edwin. 3. Henry. 4. Herman. 5. Ira. 6. Martin. 7. Orlando. 8. Owen. 9. Stephen. 10. Theodore. 11. Victor. 12. William. No. 4.—Riddle: Nails. No. 5.—Double Acrostic: Good appetite. Crosswords—1. Gallop. 2. Orange. 3. Orient. 4. Domini. 5. Allight. 6. Fawnee. No. 6.—Triple Behendings: 1. Fam-ed. 2. Maj-or. 3. Mad-am. 4. Imp-act. 5. Imp-ar. 6. Hit-ber. 7. Sta-men.

THE PUZZLER

No. 7.—Jumbled Verse. With like open hearts doors ease Little very, very keys to. Forget of don't these two that and "You please it." and "thank you I," are

No. 8.—Date Puzzle. My first is one-third of my fourth. My second is three times my fourth. My first plus my second is equal to my second plus my fourth minus two. My fourth subtracted from my second is equal to two-thirds of my second. My third and fourth taken together are the same value as my fourth taken alone.

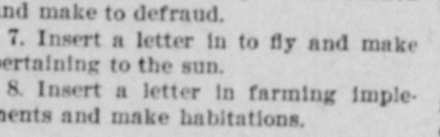
No. 9.—Anagram. He ***** of the forest. He has ** **** for me; I only hope that he'll ***** And leave the forest free.

No. 10.—Insertions. [Example: Insert a letter in a fuel and make a resinous substance. Answer—Co-al, co-p-al.] 1. Insert a letter in a masculine name and make a tropical fruit. 2. Insert a letter in kitchen utensils and make tortures. 3. Insert a letter in contents and make crimes. 4. Insert a letter in single numbers and make pains. 5. Insert a letter in revolve and make a European country. 6. Insert a letter in light conversation and make to defraud. 7. Insert a letter in to fly and make pertaining to the sun. 8. Insert a letter in farming implements and make habitations.

No. 11.—Proverb Square. E T S A W S E K A M E T S T L O C K S M I T H S H A A S H G A L E V O L K R D S M A K E L I G H T W O N A H Y N A M E R O H S E U L D K E E P N E A R T H O R S S T A O B E L T I N K L A R G E S H I P S L I S S K A E L L A M S E I S T H E B E S T A U C R E G N U H G I S T A E R P U D D I N G I S I N T H E R T F O F O O R P E N T

There are seven proverbs in this square. Begin right, and each letter will fall into its own place till the seven are read.

No. 12.—Picture Puzzle. What article of furniture does the picture represent?



A cheap and sanitary treatment of ordinary wall paper is to give it a wash of this varnish. This improves and preserves the colors and makes any number of washings possible.

Keep out of a culinary rut and put as much variety on the family table as your means and ingenuity can possibly devise.

Puritan is now the name given by interior decorators to the anti-ue furniture so long designated as colonial.

Informations wanted: Geo. A. Miller, Ardmoreburg, J. C. Frankle, St. Johnston, L. R. Smith, Centre Hill, J. A. Whitman, Ashlota, Pa., Wm. Heaton, Johnstown, Pa., Isa. Ayres, Gardean, Pa., J. M. Heaton, Emporium, Pa.

New Insurance Agency. To the Public: I desire hereby to remind my friends, and the public in general, that since my retirement from the clerkship, in the County Commissioner's office I have purchased the general Insurance Agency of John C. Miller to which I will give my entire attention.

This agency represents a strong line of Standard Fire Insurance Companies; also Accident Insurance; and is the local office for the "NORTH-WESTERN MUTUAL LIFE IN SURANCE CO." which has many large policies in this territory and is recognized as one of the best and cheapest.

When considering the matter of Insurance in any form, you can make your wishes known by addressing me by card, by telephone, or calling personally at my office, 2nd floor Bush Arcade, Bellefonte, Pa., and I will promptly supply you with the necessary information and data.

A portion of your patronage is respectfully solicited. BOYD A. MUSSER.

GARMAN HOUSE. High Street, opposite Court House, Bellefonte, Pa. Entirely New. New Furniture. Steam Heat. Electric Light, and all modern improvements. C. M. & C. B. GARMAN Proprs

WATERFALLS IN JAPAN.

They Are Almost Countless and Are Used as Shrines.

The waterfalls of Japan are almost countless. There is one at every turn, and where there was not one in the beginning the Japs have made one, for it is their passion. Every little garden has a fall or two, and it would not be considered a garden at all without it. There are many very beautiful ones in various parts of the country, and they are all of them shrines visited by thousands of pilgrims every year. They do not pray to them as to a statue of Buddha, but they first pass up a little paper prayer on a convenient rock and then sit down in rapt attention and gaze at the falling water for hours, taking an occasional cup of tea at a little tea-house which always stands close at hand.

The Japs are great at making pilgrimages anyway. When a man has reached the age of forty-five, he is supposed to have raised a family which will in the future take care of him. About the first thing he does on retiring is to start on a series of pilgrimages. Sometimes he joins a band of fellow pilgrims, or, if comparatively wealthy, he sometimes takes his wife and a minor child and makes the pilgrimages by himself. These pilgrim bands can always be seen moving about the country. They carry little banners with the name of their city and district marked on them, and when they have received good entertainment at a tea-house or hotel they hang one of their banners up in a conspicuous place as a testimonial. Often a band of pilgrims will travel from one end of the country to the other, visiting every temple and waterfall in the land.

Lavish Entertainments. In the palmy days of the French monarchy sumptuous entertainments of royalty were not uncommon. To entertain a queen for a week the Comte d'Artois rebuilt, rearranged and refurbished his castle from threshold to turret, employing 900 workmen day and night. The Marshal de Soubise received Louis XV. as his guest for a day and night at a cost of £80,000. "I hear," said his majesty to the marshal, who owed millions, "that you are in debt." "I will inquire of my steward and inform your majesty," replied the host, hiding a yawn behind his hand.

A Rigid Dutch Law. More than 200 years ago the Dutch rulers of Ceylon, anxious to retain their monopoly of the precious spice for which that island is famous, enacted a law which made it a capital offense to buy or sell the wild jungle cinnamon, then the only sort known. The plants, wherever found, were held to be the property of the state. If a shrub chanced to spring up in a man's doorway, he could neither destroy nor use it under severe penalties. Things are happily different now.

Wholesome Nourishing Substantial Unadulterated foods possible for the money at hand. There is one fact absolute and undisputed—established from years of experience. The community concedes it—that all the year around, in season and out, spring, summer, fall and winter year after year the best groceries are always found at SECHLER & CO'S store.

You get more value for your money because you can depend on him. Never handles the cheap impure products—expensive at any price. When you must economize, SECHLER & CO'S is the place to buy your groceries.

SECHLER & CO. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

The Price of Rubber Goods Is Advancing

Rapidly, owing to the scarcity of crude rubber. If you need a "Hot Water Bottle," a "Fountain Syringe" or an "Atomizer," now is the time to buy it. We "took time by the forelock" and laid in a good supply. We are selling them at the old prices. We expect the next lot to be higher. A word to the wise should be sufficient. We will take pleasure in showing them to you if you call.

GREEN'S PHARMACY, Bush House Bldg. Bellefonte.

Economy the Watchword

These times the prudent housewife must face many trying propositions. A certain amount can be used for living expenses, and no more; to exceed the limit means financial distress. There have been increases in expenses that are severe.

Coal has advanced. Steam Heat has advanced. Electric Light has advanced. Prices generally have advanced.

So that people in the country as well as in the towns feel the burden.

Under such circumstances "Economy is the Watchword." For that reason the question of Providing for the Table is most important. We must eat to sustain life, and the problem is to secure the most

WHOLE SOME NOURISHING SUBSTANTIAL UNADULTERATED

foods possible for the money at hand. There is one fact absolute and undisputed—established from years of experience. The community concedes it—that all the year around, in season and out, spring, summer, fall and winter year after year the best groceries are always found at SECHLER & CO'S store.

You get more value for your money because you can depend on him. Never handles the cheap impure products—expensive at any price. When you must economize, SECHLER & CO'S is the place to buy your groceries.

SECHLER & CO. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

GRANT HOOVER. Fire, Life, Accident Insurance, Real Estate and Loans. 15 Standard Insurance Co's represented. You can't afford to insure your buildings or life until you see GRANT HOOVER.

RAILROAD SCHEDULE

Table with columns for Railroad, Direction, Station, and Time. Includes Pennsylvania Railroad and Lehigh Valley Railroad schedules.

BALD EAGLE VALLEY

Table with columns for Station, Time, and Direction. Includes stations like Tyrone, Bald Eagle, and Unionville.

LEWISBURG & TYRONE RAILROAD

Table with columns for Station, Time, and Direction. Includes stations like Montandon, Lewisburg, and Fair Ground.

BELLEFONTE & SNOW SHOES RAILROAD

Table with columns for Station, Time, and Direction. Includes stations like Bellefonte, Snow Shoe, and Center Hill.

THE CENTRAL RAILROAD OF PENNA

Table with columns for Station, Time, and Direction. Includes stations like Harrisburg, York, and Philadelphia.

SECHLER & CO.

Philadelphia Sleeping Car attached to east bound train from Williamsport at 11:30 p.m. and west bound from Philadelphia at 11:30 p.m. J. W. ORPHANT, General Supt.

BELLEFONTE CENTRAL RAILROAD

Table with columns for Station, Time, and Direction. Includes stations like Harrisburg, York, and Philadelphia.

YOUR CALVES

Will be strong and vigorous if you feed them American Stock Food

Manufactured by American Stock Food Co., Fremont, Ohio.

FOR SALE BY SIDNEY KRUMRINE, Bellefonte, Pa.