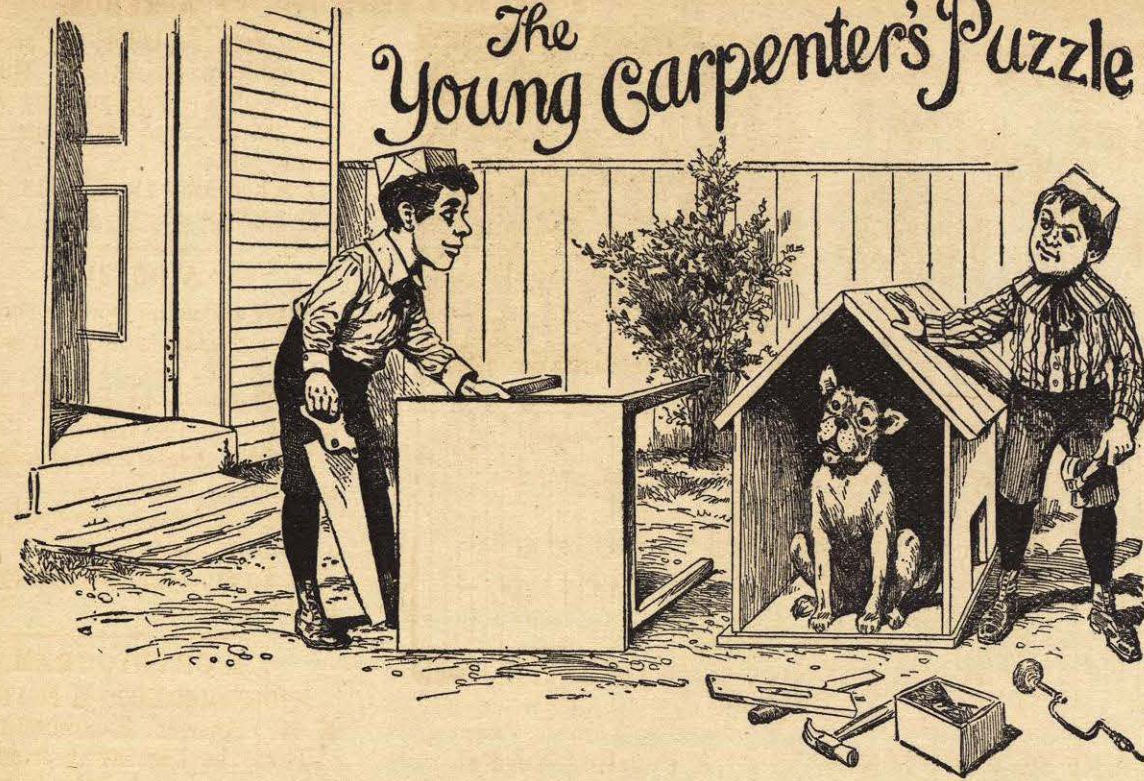


# The Young Carpenter's Puzzle



**PROPOSITION**—Into how few pieces need the table top be cut to complete the dog house?



**UTTING TRICKS** which call for paper and scissors possess a peculiar fascination for the young folks, and aside from the mere feature of affording pleasure in solving them should be recognized as an invaluable kindergarten school of mechanics and geometry. The picture tells its own story and does not require a Sherlock Holmes to see that the lads have found an old tool chest in the garret; that their mother is attending an afternoon meeting, and that it must be Thursday, when Bridget has her day out. There are other interesting features which suggest themselves, such as how Towser is to get out of the little door when the kids have nailed up the side of the dog-house. That, however, is a problem for Towser to settle in his own way, so we will waste no time in getting at the real point of the puzzle, which turns upon the best way of cutting the square top of the kitchen table into the fewest number of pieces which will fit together so as to close up the open end of the dog-house.

The feat can readily be guessed by puzzle methods, pure and simple; nevertheless, it will be found to be based upon scientific principles, which will interest those who love to acquire mathematical knowledge.

Why does the butcher's wife

always keep the books? Because the business is a joint affair.

What key is the hardest to turn? A donkey.

### Bookworms.

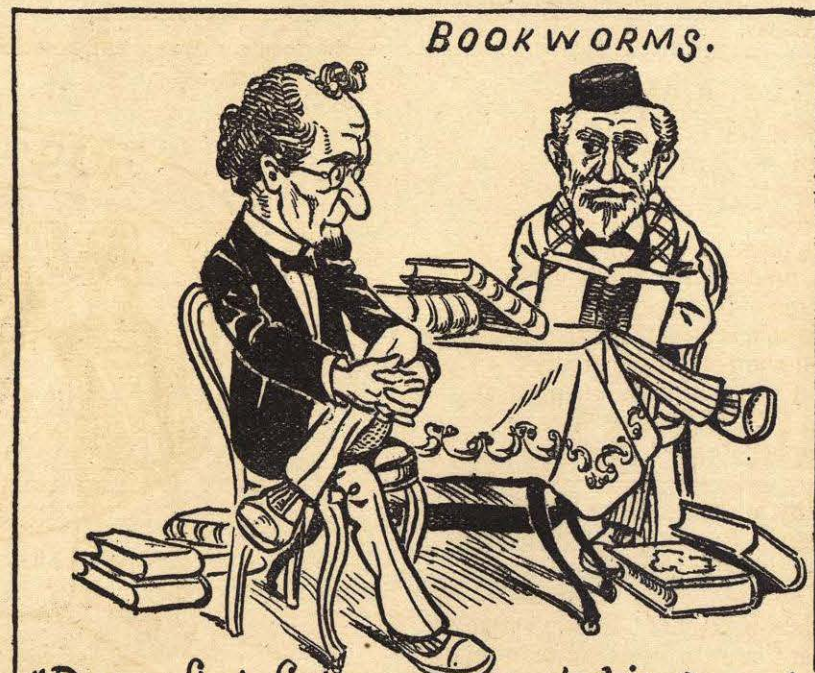
The juveniles are given another lesson in concealed geography this week, to discover the locality of the place being discussed by these learned professors, as hidden in the description of the picture.

What is that which flies high, flies low, has no feet, and yet wears shoes? Dust.

Why is a ladder like a prize fight? Because it is made up of rounds.

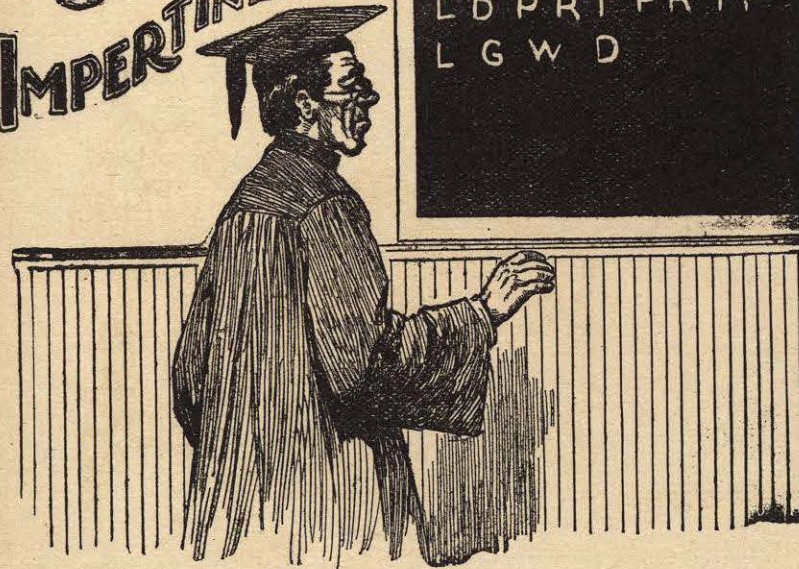
Why had Eve no fear of the measles? Because she'd Adam (had 'em).

Why would you be justified in picking the pockets of a vender of engravings? Because he has pictures (picked yours).



"Do you find fiction as improving, in general, as Kane's Arctic Explorations?"

# FRESHMAN & IMPERTINENCE



R T H D X X F R D  
D N S D N T K N W  
L D P R T F R M  
L G W D



**HERE IS A SOUVENIR** from our college days which will interest the juvenile spelling class. It is built upon similar lines to the story of the epitaph upon the walls of the old abbey, which read:

P.R.S.V.R.Y.P.R.F.C.T.M.N  
.V.R.K..P.T.H.S.P.R.C.P.T.S.T.N

The dots represent a certain vowel which had faded from the inscription. In the present illustration the college professor of etymology was asked to construct the sentence properly by the introduction of the one vowel.

### A REBUS.

My first you hear its sullen roar  
When wandering by the ocean's shore;  
My second in the gambler's art  
Hath played no mean or paltry part,  
But, fired with sordid thirst to win,  
It often aids him in his sin.  
My whole is something that is found  
Upon the face of all around,  
Yet if you take from me my face,  
I am a title commonplace.  
Cypher Ans. 19, 21, 18, 6, 1, 3, 5.

Why is an acquitted prisoner like a gun? Because he is charged, taken up, and then let off.

Why are horses little needed in the Isle of Wight? Because visitors prefer Cowey to Ryde (cows to ride).

Why are bad riddles like a deserted inn keeper? Because there is a host put out and not one guest (guessed).

### A Puzzling Verdict.

Here is what we will term a necktie puzzle, wherein the object is to discover a missing word to be placed in the bow, so that by reading it twice as you go around the loop the sentence will be complete. I think the sentence in this case should have been a hempen necktie around the culprit's neck on account of a missing watch which was found in his possession, but by some twist of the law the sentence was defective, so I will ask our young puzzlists to supply the missing word so as to make the sentence correct.

Why does a donkey eat thistles? Because he's an ass.

### A REBUS.

My first is a color; my second an agreeable exercise; my third an article of clothing, and my whole a celebrated character, dear to the young folks.

Cypher Ans. 18, 5, 4, 18, 9, 4, 9, 14, 7, 8, 15, 15, 4.

### A PUZZLE.

Place the same word in the blanks so as to make each line read properly.

1. The \_\_\_\_\_ to Fingal's cave would \_\_\_\_\_ the visitor.
2. The Arabs sometimes \_\_\_\_\_ travelers in the \_\_\_\_\_.
3. To select \_\_\_\_\_ sometimes \_\_\_\_\_ a writer to annoyance.
4. To excuse donating they \_\_\_\_\_ to the \_\_\_\_\_.

### A CRYPTOGRAM.

E10100010001000 U N 1100 A T X N. Answer: Excommunication.

Take the bees away from something we eat and make it read out loud! Ans. Bread and butter becomes read and utter.

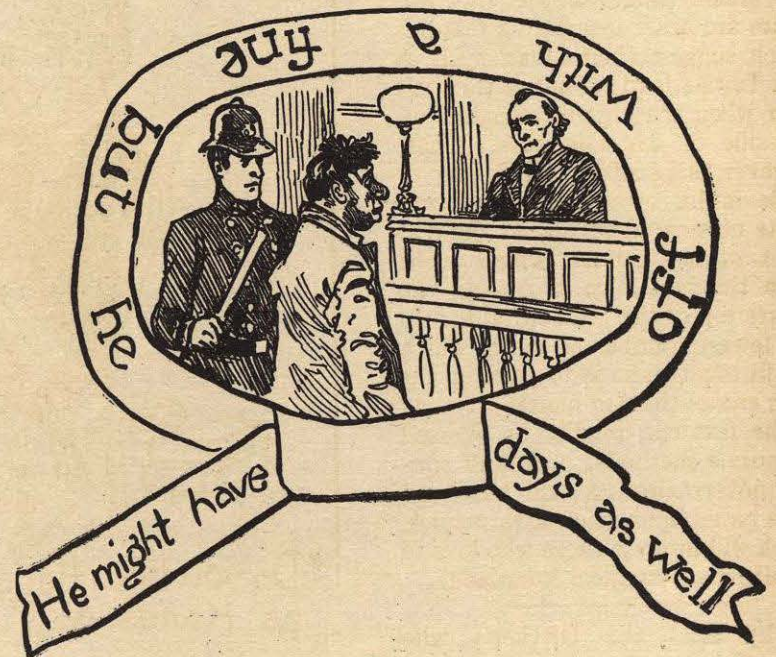
What is the difference between a bottle of medicine and a troublesome boy? One is to be well shaken before taken, the other to be taken and then shaken.

Why is a loaf of bread on the top of the Eiffel Tower like a racehorse? Because it is high bread.

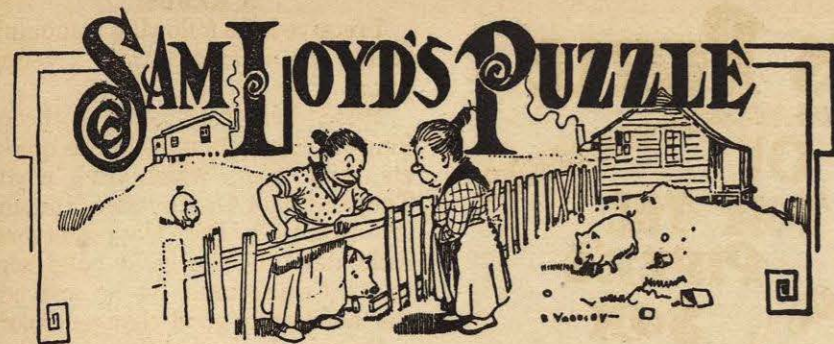
At what time was Adam married? Upon his wedding Eve.

What part of a fish is like the end of a book? Don't you know? Why, the

FIN-IS.







As showing how the keener sensibilities, when confined within the limitations of the domestic sphere, are prone to establish a new era, dating from some all-important episode, we quote a morceau of Cherry Hill gossip, incidentally allied to a pretty mathematical thought:

"You see," said Mrs. Murphy, "Paddy is now one and one-third times as old as he was when he took to drink, and little Jimmy, who was forty months old when Paddy took to drink, is now two years more than half as old as I was when Paddy took to drink, so when little Jimmy is as old as Paddy was when he took to drink, our three ages combined will amount to just one hundred years."

How old is little Jimmy?

At what age should a man marry? At the parsonage.

Why is an egg underdone like an egg overdone? They are both hardly done.

Why is a very old umbrella, that has been lost, as good as new when found? Because it's re-covered.

Why do the Salvation Army lassies walk on their heels? To save their soles (souls).

Why is the letter W like gossip? Because it makes ill will.

Which is the oddest follow, the one who asks a question or the one who answers? The one who asks because he is the querist.

When does the wind most resemble a book-seller? When it keeps stationary (stationery).

What benefit can be derived from a paper of pins? It will give you many good points.

Why are authors who treat of physiognomy like soldiers? Because they write about face.

I went into the woods and caught it, I sat down to look for it, and then I went home with it because I could not find it. A splinter.

How did the whale that swallowed Jonah obey the divin law? Jonah was a stranger and he took him in.

#### A RIDDLE.

I captivate many when trained well by art,  
To each lover of song an impulse impart;

Though to gay pleasure I'm closely allied

The grave son of care in me will confide;

The miser will smile when safe with his gold

My fairest of forms he has carefully roll'd;

I useful am found in commerce and trade,

To friendship and love I lend my kind aid,

Ladies then while you are aspiring to me

Let virtue and worth your motto still be;

Then grandeur may frown and envy may scorn,

But happy if merit your life shall adorn.

Cypher Ans. 14, 15, 20, 5.

#### A REBUS.

My first is found in many mines;

And there my costly second shines.

As for my whole—what shall I say? It seems intended to betray.

Then, oh! beware unthinking youth, Adhere to honesty and truth.

Cypher Ans. 19, 20, 18, 1, 20, 5, 7, 5, 13.

#### A RIDDLE.

Ladies a riddle I submit:—

To fifty now add one;

And, having thereby shown your wit,

You may my whole put on!

Cypher Ans. 12, 1, 3, 5.

#### A REBUS.

The things which daily 'fore me pass,

Cause me much deep reflection;

Behold me, 'twould be hard to make A giddier selection.

Behold again sure stubbornness Will scarce escape detection.

Cypher Ans. 7, 12, 1, 19, 19.

Why is the polka like bitter beer? There are so many hops in it.

#### CONCEALED GEOGRAPHY.

133. I should be proud to entertain such a guest.

134. Shall we see the ghoul tonight?

135. Which do you prefer for lunch, clam, oyster, or turtle soup?

136. We eat the melon, but the rind gets thrown to the pigs. (Country.)

137. From wax tapers I anticipate a great deal of pleasure. (Country.)

138. My brother, I enter your house with pleasure.

139. My high-wrought exasperation filled the enemy with utter dismay. (State.)

140. They only light their astral Sunday nights.

141. He rode to Plymouth on a ticket for Quincy.

142. The siege of Sebastopol gave the French much trouble.

143. Madam Parepa lost her voice on that occasion.

144. The amphibious monster crossed the river on a raft.

145. Sarah ought on all accounts to be remembered.

146. Poor Sambo got a whipping for running away.

147. The Mustang I erroneously supposed peculiar to Mexico.

148. I must go somewhere for dinner.

149. Water I eat, bread I drink.

150. In trying to stop that animal I made a misstep and fell.

151. We must feed our cows with hay till next June. (Island.)

152. She wore a crepe ruche on her neck. (Country.)

153. The Queen of the Adriatic or King of Abyssinia must reign.

154. At the great Anawan I celebrated the Fourth of July.

155. I have a hundred and one; I dare say you have a hundred and two. (Lake.)

156. To a man under age, no agreement is binding.

157. The best cows are Alderney.

158. I met my great aunt in Washington street.

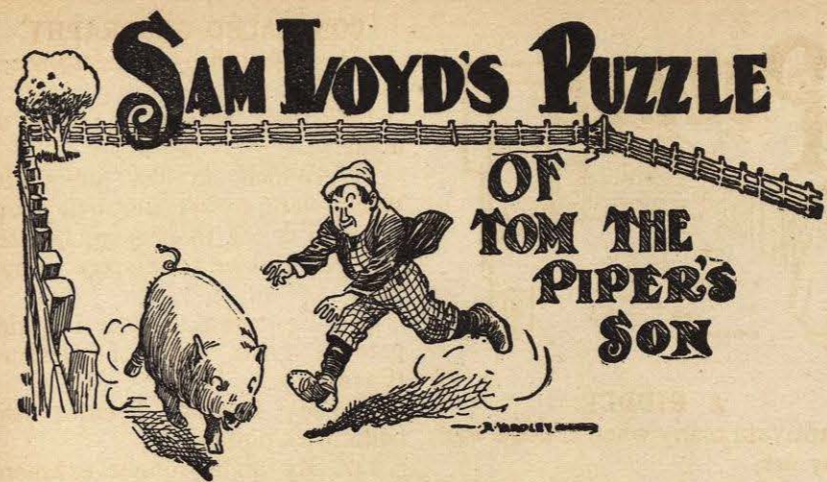
159. When the rain began to fall I made my friend put up her umbrella.

160. Our cook's name is Augusta.

161. Do you think books of travel are as interesting in general as Kane's Arctic Expedition? (Territory.)

162. Nine vehicles, in the open day, were stolen from the public way.

Why is a jailer like a musician? Because he fingers the keys.



Here is the puzzle of Tom the Piper's Son, who, as told by "Mother Goose," stole the pig and away he run. It is known that Tom entered the far gate shown at the top on the right hand. The pig was rooting at the base of the tree 250 yards distant, and Tom captured it by always running directly towards it, while the pig made a bee-line towards the lower corner as shown. Now, assuming that Tom ran one-third faster than the pig, how far did the pig run before he was caught?

The puzzle is a remarkable one on account of its apparent simplicity and yet the ordinary manner of handling problems of this character is so complicated that solvers are asked merely to submit approximately correct answers, based upon judgment and common sense, just to see who can make the best guess. The simple rule for solving it, however, which will doubtless be quite new to our puzzlists is based upon elementary arithmetic.

#### A REBUS.

A pendent charm—bereft of tail and head,

A quadruped will give you in its stead.

Cypher Ans. 1, 13, 21, 12, 5, 20.

When is a lady's dress like an unfortunate bull-fighter? When it is gored.

Why is an old man's farm in Texas like the focus of a sun-glass? Because it's a place where the sons raise meat (sun's rays meet).

Add half a score to nothing, and what animal does it make? OX (ox).

What shape is a kiss? Elliptical (a lip tickle).

How is it that trees can put on new dresses without "opening their trunks?" Because they leave out their summer clothing!

#### A REBUS.

My first is found in every country of the globe; my second is what we all should be; my whole is the same as my first.

Cypher Ans. 13, 1, 14, 11, 9, 14, 4.

How many foreigners make a man uncivil? Forty Poles make one rude (rood).

How many weeks belong to the year? Forty-six; the other six are only lent (Lent).

Why is a watchdog bigger by night than by day? Because he is let out at night, and taken in in the morning.

What confection did they have in the Ark? Preserved pairs (pears).

Students of concealed geography are given an opportunity to exercise their ingenuity in discovering the locality where according to tradition the custom of ringing the merry wedding bells is said to have originated.



In that country the brides wear white, the bridesmaids blue.

#### A REBUS.

I received the following communication the other day from a young puzzlist:

Missed her—trees being at the . of king of terrors, 10 mills for his quakers, and who, which and what. They order for Dr. Juvenile Humanity (who)—2 Dr. Haypreservers, little devil behold gold band servants; Cigar stump B4 he arrived, the not legally good changed color.

Here is the intended translation: Mr. Dashwood, being at the point of death, sent for his friends and relatives. They sent for Dr. Childs, who inclosed a short line to Dr. Barnes imp-lo-ring help, but before he arrived the invalid died.

What is the difference between a beehive and a bad potato? None at all; as the one is a bee holder (beeholder) the other a speck'd tatur (spectator).

What's the difference between a piece of honeycomb and a black eye? One is produced by a laboring bee, and the other by a be-laboring!

Which of the four seasons is the most literary? Autumn, for when the leaves are turned, they are red (read).

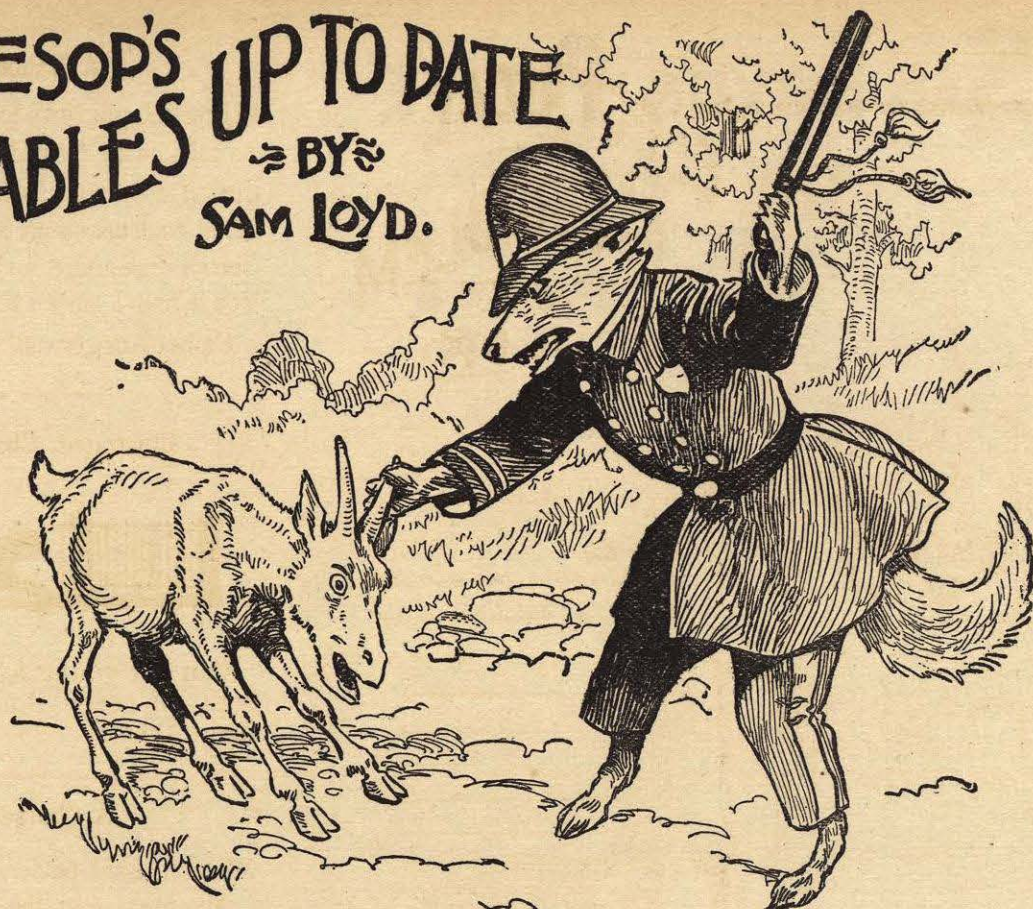
When is a young lady not a young lady? When she's a sweet tart (sweetheart).

How does a pitcher of water differ from a man throwing his wife from a bridge? One is water in the pitcher, and the other is pitch her in the water.

What is the difference between an angler and a dunce? One baits his hook; the other hates his book.



# AESOP'S UP TO DATE FABLES BY SAM LOYD.



A Rebus.

To a word of denial add one to incite,  
You'll see what there passes 'twixt  
morning and night.  
Cipher Answer.—14, 15, 15, 14.

A Rebus.

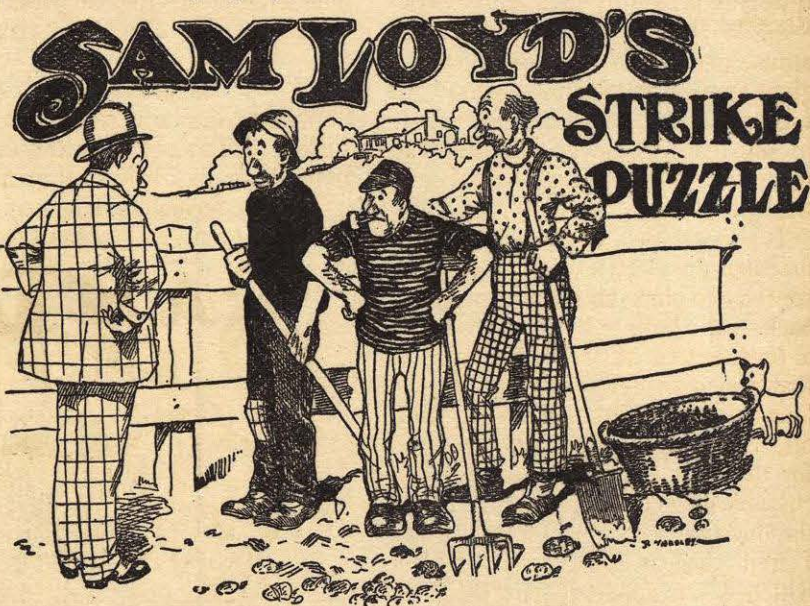
My second, who is a relative, took  
my first, after using my whole at dinner.  
Cipher Answer.—14, 1, 16, 11,  
9, 14.

Aesop tells of a hungry wolf, who, seeing a fat little goat sleeping on a roof top, resolved to capture a meal by impersonating a policeman who would accuse the youngster of throwing snowballs at him, and of having butted him on a previous occasion.

"How could I throw snowballs at you in July, when there is no snow?" said the trembling kid, as he came down from the roof. "Moreover, I have been asleep for an hour and never dreamed of such a thing, and I am not the kind of a kid to toss coppers."

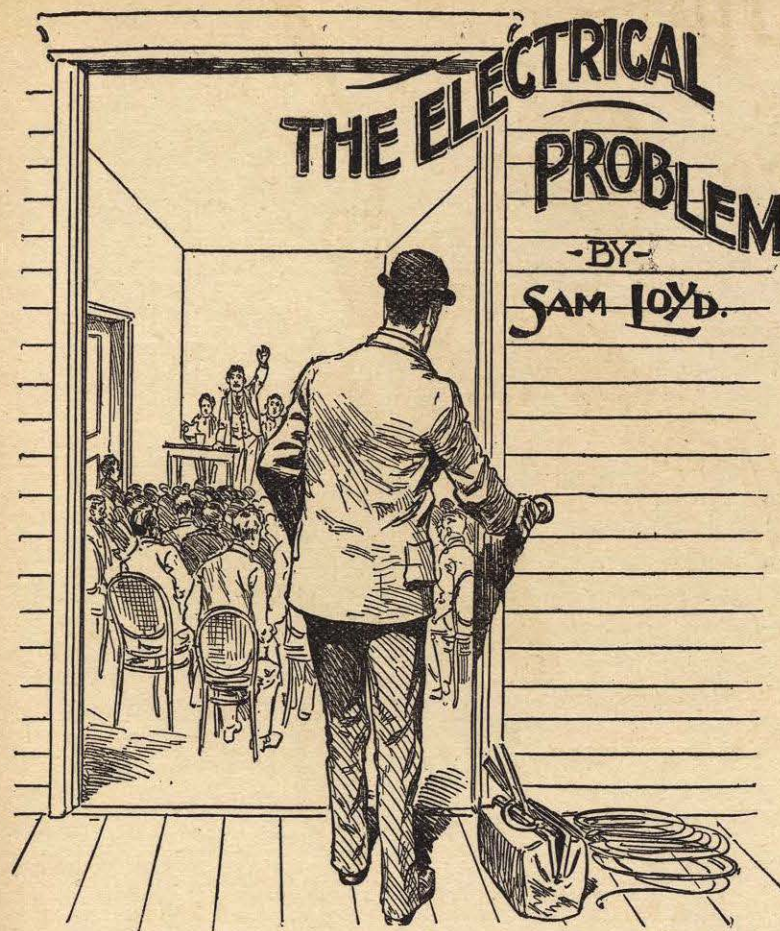
"You offer an ingenious equivocation in place of a straight denial, and I despise a person who puns," replied the cruel wolf as he seized his victim. "To pelt a cop with snowballs is only a misdemeanor, and would have only cost you your pelt in return, but out of your own mouth you are now convicted of a heinous crime, and I will have to take you in!" Which he proceeded to do. Of course, the moral of this true tale is that it is folly to come down to argue with a cop, but how many of our clever puzzlists can guess this conundrum by telling the nature of the charge against that poor little kid?

Why have miserly people never quarreled?  
Because they have always a-greed.



When Smith bought a farm he engaged three foreigners to do the work, agreeing to pay the foreman \$1.10 per day, the handy man \$1, and his helper 90 cents, so as to average \$1 per day. They contracted to work 101 days for \$303, but on the second day two of them organized a planters' and diggers' association,

and asked for shorter hours with increased pay. Recognizing the justice of their demands, as explained by the entertainment committee, he increased the wages of two of the men so that every one was satisfied, and yet at the end of the season each man received \$101, and there had been just 303 days' work done.



HERE is a practical problem in electrical wiring which developed recently at a county convention and which will amuse and instruct our puzzlists. It gives ample scope for one's genius for estimating and guessing, so it is safe to say that the clever wits will find no trouble in mastering such a practical problem.

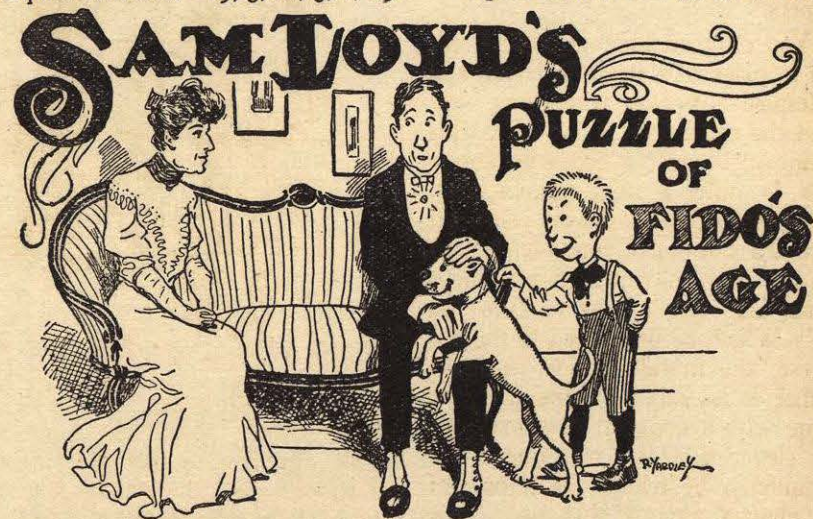
It appears that at a recent primary meeting an electrician was given a contract to place an annunciator in the back of the hall, to be connected with a push-button at the front door, so that the managers could notify the long-winded orators when to ring off. The length of the wire required for the work gave rise to quite a discussion between the workmen, and the question was referred to me, and I find that it involves a problem which I am sure our puzzlists will be qualified to tackle.

The hall was just twelve feet wide by twelve feet high and thirty feet long, and, as shown in the picture, the wire must be strung along the wall, ceiling or floor from the annunciator, three feet from the ceiling in the center of the back wall, to a push button three feet from the floor, in the center of the front wall, near

door, as shown. The thickness of the wall, nor the question of single or double wire need not be considered; the problem is merely to give the length of the shortest route where the wire should be strung.

A Charade.

Complete I'm unpleasant to hear,  
Behead, I'm not so to the taste;  
Behead again, there's a great deal  
Of what scribblers too often waste.  
Cipher Answer.—19, 3, 18, 5, 1, 13.



"You can't tell a dog's age by the number of rings in his bark," said l'enfant terrible, "but five years ago sister was four times older than

Fido, now she is only three times as old!" Charley Slowpop is very anxious to know Fido's age. Can you help him?

A Rebus

I cheer the pilgrim's lonely way,  
As toils he on from day to day;  
Curtail me, and I then am found  
What students do on college ground;  
Curtail once more, and by inspection  
You'll find I am an interjection.

Cipher Answer.—8, 15, 16, 5.

Illustrated Charade



Can our young folks tell why  
both of these illustrations are  
just alike?

A Charade.

My first, kind reader, is thyself;  
My next is in the sea,  
My whole to many will apply,  
But not to thee and me.

Cipher Answer.—20, 8, 15, 21, 19,  
1, 14, 4.

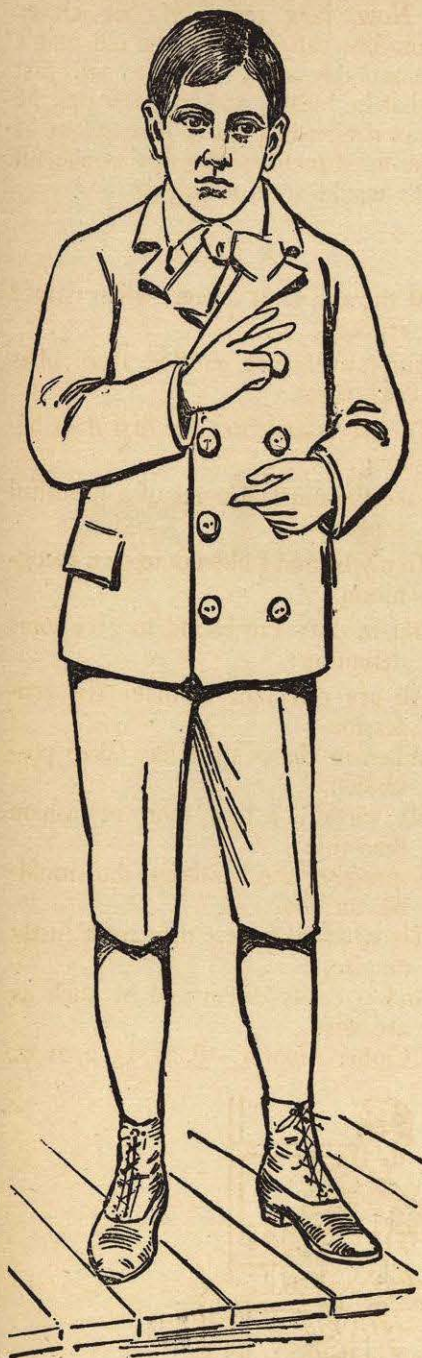
A Charade.

Of a monster I've read, which de-  
prived of its head,  
Is strong, healthy, hearty and  
clever!

And if you repeat, a brew you will  
greet

That is hearty and healthy as ever.  
Cipher Answer.—23, 8, 1, 12, 5.





The above picture of Master Sam Loyd was made in 1850, and shows the nine-year-old lad giving an exhibition of lightning calculating. As his mathematical and chess problems of that date are well known, we will give his earliest recollection of precocious figuring. His father bought two hammers from a pedlar, and said "The man offered me one for fifteen cents, or two for a quarter, and said he would make just as much profit whichever I took." "Then," said Sammy, who was but four years old, "the hammers cost him ten cents apiece, for if he made the same profit in either case, he must have sold the second one at cost." It is a simple problem devoid of all difficulty, but shows the correct manner of getting at the reason why.

### Puzzling Synonyms.

1. Behead a musical instrument and leave a musical instrument.
2. Behead a margin and leave a margin.
3. Behead a class of animals and leave one of the same class.
4. Behead a vessel and leave a vessel.
5. Behead an animal and leave an animal.
6. Behead to liquefy and leave to liquefy.
7. Behead to ascend and leave to ascend.
8. Behead a woman's name and leave a woman's name.
9. Behead an animal and leave the class to which it belongs.
10. Behead to move slowly and leave to move slowly.
11. Behead a woman's name and leave a woman's name; again, and leave a man's name.
12. Behead and curtail a bird and leave a bird.
13. Curtail a lamentation and leave to lament.
14. Curtail a protection and leave a protection.
15. Curtail to blemish and leave to blemish.
16. Curtail to disclose and leave to disclose.

17. Curtail to conceal and leave concealed.

Answers to the above will be found among the following words:

Mar-k, P-love-r, M-avis, S-melt, L-lama, F-lute, Ope-n, Complai-n-t, F-lag, A-rise, C-raft or B-ark, B-rim, Hid-e, Cover-t, A-m-abel, M-adeline, F-ox.

### A Baseball Problem.

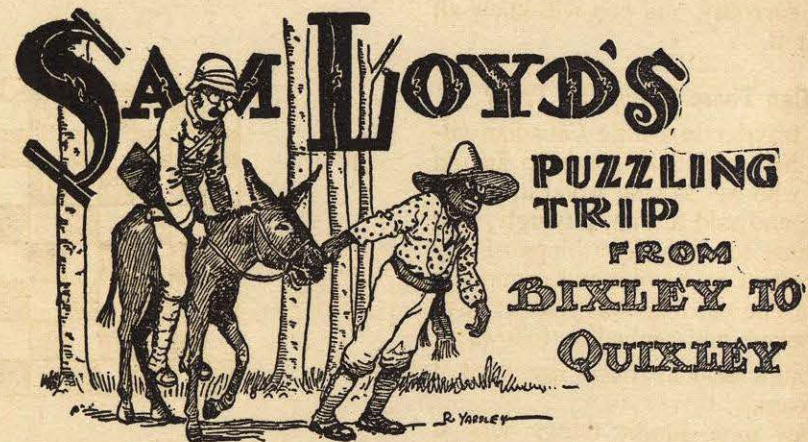
The game was between the "Sockerers" and the "Sluggers." The Sockerers were first at the bat. At the end of the eighth inning neither team had scored. The final score at the end of the ninth was 5 to 2. Which won?

### A Legal Problem.

A correspondent who wishes to lay a claim to an estate in chancery asks if there is a law in any of our states which would have prohibited his grandfather from marrying the sister of his widow. He says that the entire proof of his right of inheritance to an old farm now covered with sky-scrapers and palatial residences turns upon the solution of this question. What have our correspondents to say on the subject?

Can you tell of what nationality Napoleon was? Of course I can (Corsican).

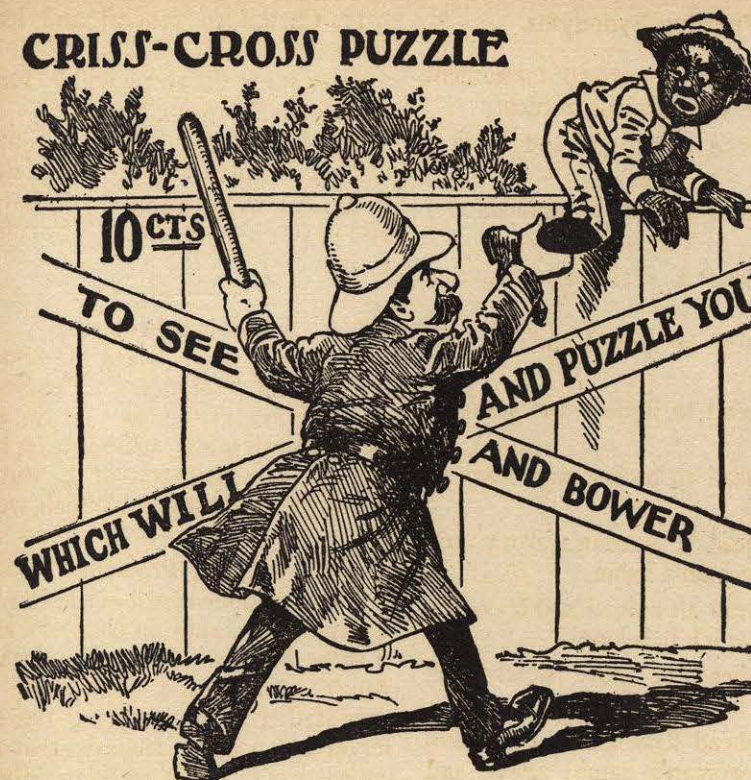
Why is your mother like your grandmother? She is your aunt's sister (ancestor).



Here is a pretty problem which I figured out during a ride from Bixley to Quixley astride of a razor-back mule. I asked Don Pedro if my steed had another gait, and he said it had but that it was much slower, so I pursued my journey at the uniform speed as shown in the sketch. To encourage Don Pedro, who was my chief propelling power, I said we would pass through Pixley, so as to get some liquid refreshments; and

from that moment he could think of nothing but Pixley. After we had been traveling for forty minutes I asked how far we had gone, and he replied: "Just half as far as it is to Pixley." After creeping along for seven miles more I asked: "How far is it to Quixley?" and he replied as before: "Just half as far as it is to Pixley." We arrived at Quixley in another hour, which induces me to ask you to figure out the distance from Bixley to Quixley.

### CRISS-CROSS PUZZLE



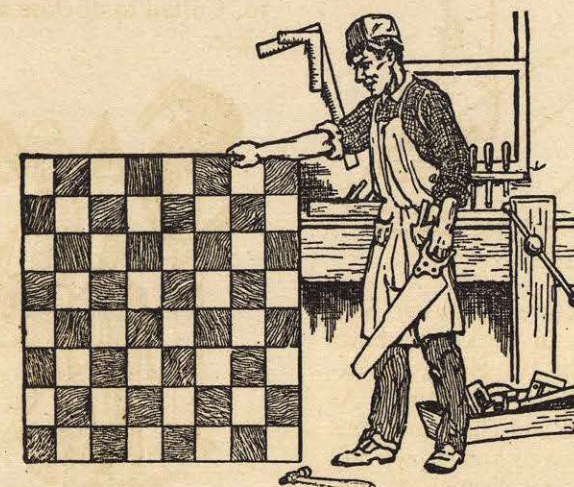
Here is a new style missing word puzzle for the young folks which will tell you just what that little coon expects to see without the formality of paying a dime. You see, there is some sort of a show going on, as described by the sign on the fence; I can't tell you exactly what it is, because one word is hidden by the cop, so you will have to guess it. Place a word at the intersection of the two sentences which will make them both read correctly, and you will know all about it.

### Can These Things Be True?

A traveler in a little Canadian village had stoped to speak to an old man who was sawing wood in a back yard, and said to him, pityingly, that he must see very few things of any interest in so narrow and confined a life. The old man was sharper than he looked, and replied as follows:

"Though seldom from my yard I roam,  
I saw some squeeer things here at home.  
I saw wood floating in the air;  
I saw a skylark, bigger than a bear;  
I saw an elephant with arms and hands;  
I saw a baby breaking iron bands;  
I saw a blacksmith weighing half a ton;  
I saw a statue sing and laugh and run;  
I saw a schoolboy nearly ten feet tall;

I saw an oak tree span Niagara fall;  
I saw a rainbow, black and white and brown;  
I saw a parasol walk alone through town;  
I saw a politician doing as he should;  
I saw a good man—and I saw some wood."



This clever young carpenter received a chest of tools for a Christmas present, and immediately set to work to make a fine chess-board to present to Dr. Lasker, the chess champion of the world, who is a great mathematician and puzzlist. Dr. Lasker is a marvelous chess-player, but Harry wonders whether he can beat our puzzlists in discovering into how many pieces this chess board can be divided (on the lines)

Now, how many of our clever puzzlists can decipher the old man's remarkable story so as to tell just what he meant, and to show that he was not such a lineal descendant of Baron Munchausen as his wonderful tale would seem to imply?

### A Rebus

At the still hour of eve, when nature reposes,  
And sweets are emitted from lilies and roses,  
To insects and bees my first does belong,  
Like the musical notes of a beautiful song.  
To my second I like not to own recognition,  
But in duty I'm bound to give some definition:  
All are reluctant to make the confession  
When in the head it has taken possession.  
My whole is a term more of fashion than rule;  
Expressing the has-been, the would-be, the fool:  
'Tis what all honest men most justly despise,  
And is easily discovered by such as are wise.  
Cipher Answer.—8, 21, 13, 2, 21, 7.