

Rusty Plough.

water and pour slowly sulphuric acid. (The one quite warm from this is the reason why poured slowly into the water into the acid.) (or any other iron acid) until it evaporates. The object is to give the object a rust. Then you will see where the rust is. Apply some of those spots with a scouring brush. Then wash the brush with water and rub it dry. Brush with oil or other oil, and let it dry. When you go to plow, the acid water to the brush will soon make it smooth. If all iron with petroleum and oil, implements, and in winter, it will keep and save a great deal of trouble, to say nothing of the rust.

th Sheep Skins.

skins, make a strong brine; when it is cold, carefully squeezing out the dirt, wash the soap out with sufficient to cover them over night, then hang over a pail to drain, spread over a board to dry. Have one ounce each of gum, pulverized, and salt, together, and hang for three days, turning most every day until scraped the flesh side. Remove any remaining trim off projecting with side with pumice with the hands; they also make good jackets for ladies in for sofas and car-

Youth's Department.

Answers.

TO ANAGRAM IN DEC. NUMBER.

Correct answers by Lucy Norman, Oak Ridge; James Lawson, Spaffordton; J. Rennie, Toronto; James Marshall, Rosedale; Fannie Currie, Wooler; and Sapl. Campbell. I never saw an oft removed tree, Nor yet an oft removed family, That throve as well as one that settled be.

TO PICTORIAL PUZZLE.

Correct answers by Lucy Norman, James Lawson, J. Rennie, and Samuel Campbell. Think before you speak.

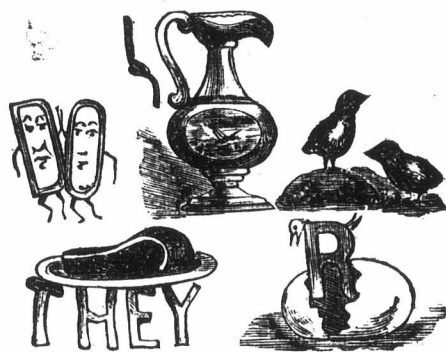
TO ACROSTIC.

Answer by Lucy Norman.—Tobacco.

TO RIDDLES.

Correct answers by Samuel Campbell; to the first four by Lucy Norman, J. Rennie, J. Lawson, Fannie Currie, and Jas. Marshall. 1. Hippopotamus. 2. Gladstone. 3. Honey-suckle. 4. Fox-Glove. 5. Snow-drop.

PICTORIAL PUZZLE.



To aid our young friends to find the answer, the first figures represent letters, and the pitcher represents "your" from ewer, an earthen ware vessel.

ACROSTIC.

Winter cold again comes round,
Ice and snow are on the ground,
North-east winds do keenly blow,
Turning rain-drops into snow.
Everything looks cold and drear,
Raging winter everywhere.

JAS. LAWSON.

FOR YOUNG MINDS TO CALCULATE.

A boy went into an orchard to steal apples. On returning a man at the gate demanded of him half his apples, and half an apple without cutting one; he met a second man who made the same request; and a third one the same. How many apples did he steal, and how many had he left?

THEN—1781.

Farmer at the plow,
Wife milking cow,
Daughter spinning yarn,
Son thrashing in the barn,
All happy to a charm.

NOW—1871.

Farmer gone to see the show,
Daughter at the piano,
Madame gaily dressed in satin,
All the boys learning Latin—
With a mortgage on the farm.

How happy the man who owes not a cent,
But lays up \$50 each year with content.
He dreads neither sheriff, nor bailiff, nor dun;
To bank nor to justice has never to run.
His cellar well filled, his pantry well stored,
He lives far more blessed than a prince or a lord.
To enjoy this pleasure, pay grocer and draper,
And pay in advance for the Advocate paper.

What tree bears the most fruit to market?
The axle-tree.

Why are men like facts? Because they are stubborn things.

Why is a conductor of music like the telegraph? Because he beats time.

What is the difference between editorial and matrimonial? In the former the devil cries for copy; in the latter the copy cries like the devil.

A Smart Pig.

A pig and a dog on board a ship on the voyage from India to London were very good friends; they ate out of the same plate, walked about the decks together, and would lie down side by side under the bulwarks in the sun. The only thing they quarreled about was their lodging. Toby, the dog, had a very nice kennel, the pig had nothing of the sort. Now piggy did not see why Toby should be better housed of a night than he. So every night there was a struggle to see who should get into the kennel first. If the dog got in he showed his teeth, and the other had to look out for other lodgings; if the pig gained possession the dog could not turn him out, but waited for revenge next time.

One evening it was very boisterous, the sea was running high, and it was raining very hard. The pig was slipping and tumbling about the decks; at length it was so unpleasant that he thought the best thing he could do was to go and secure his berth for the night, though it yet wanted a good time to dusk. But when he came to the kennel, there was Toby safely housed; he had had the same idea as to the state of the weather as the pig.

"Umph, umph," grunted piggy, as he looked up to the sky; but Toby did not offer to move. At last the pig seemed to give it up, and took a turn as if to see where he might find a warm corner for the night. Presently he went to that part of the vessel where the tin plate was lying that they ate their victuals off. He took the plate in his mouth, and carried it to a part of the deck where the dog could see it, but some distance from the kennel; then, turning his tail towards the dog, he began to make a noise as if he was eating out of the plate.

"What!" thinks Toby, "has piggy got some potatoes there?" And he pricked up his ears and looked hard towards the plate.

"Champ, champ!" goes the pig, and down goes his mouth to the plate again. Toby could stand this no longer—victuals! and he not there. Out he ran, and, thrusting the pig on one side, pushed his cold nose into the empty plate. The pig turned tail in a twinkling, and before Toby knew whether there was meat in the plate or not, he was snug in the kennel, laughing at Toby's simplicity.

THE BEST AUTHORITY.—People who enjoy the discomfiture of lawyers—and who does not?—will laugh over this incident:—"I call upon you," said the counsellor, "to state distinctly upon what authority you are prepared to swear to the mare's age?" "Upon what authority?" said the hostler interrogatively. "You are to reply, and not to repeat the question put to you." "I doesn't consider a man's bound to answer a question afore he's time to turn it in his mind." "Nothing can be more simple, sir, than the question I put. I again repeat it: Upon what authority do you swear to the animal's age?" "The best authority," responded he, gruffly. "Then why such an evasion?—Why not state it at once?" "Well, then, if you must have it—" "Must! I will have it!" vociferated the counsellor, interrupting the witness. "Well! then, if you must and will have it," rejoined the hostler, with imperturbable gravity, "why then I had it myself from the mare's own mouth." A simultaneous burst of laughter rang through the court, and the judge on the bench could with difficulty confine his risible muscles to judicial decorum.

MAKING CIDER VINEGAR.—Apple vinegar is made from cider by exposing it in barrels not quite full, with the bung open, in a warm place, as the south side of a building, to the full action of the sun's rays. The addition of a quart or two, or even a gallon of molasses to each barrel, hastens fermentation, and makes better vinegar. The addition of a sheet of brown paper placed upon the surface, also hastens fermentation, by giving additional facility to the action of the air. The mother in vinegar consists of the concrete organic matter in the cider, which promotes fermentation, and then settles to the bottom in a sort of gelatinous mass. We suppose the old-fashioned way of separating the vinegar from it, described by Dean Swift, is as good as any, namely:—

First rack slow, then rack quick,
Then rack slow till you come to the thick.

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INDEX.

- Page 1—Politics—Agricultural Elections.
2.—Cellars—Official Correspondence—Government Aid, etc.
3.—Sheep Marks—Notice—Fall Wheat—Caution—Sale of Thoroughbred Stock—Why Do Animals Need Salt—Ground Chess for Bee Feed—Happy Hours—Maple Leaves—The Canadian Literary Journal—The North-West—How to Procure Fine Cider.
4.—Horticultural Department—Valuable Announcement—Josh Billings Papers—Michigan Potatoes.
5.—Communications—Our Kansas Letter—"Only a Drunkard's Child,"—Hay Hints—Hen Questions—A New Way to Dry Peaches.
6.—A Few Thoughts—Ticks on Sheep—Agriculture as a Manufacture—From Fort Garry—"Persevere and Succeed"—Seed Potatoes—Ashes as a Cattle Feed.
7.—Letter from a "Child of Erin"—Winter and its Lessons—The Farm—Extra Food for Hogs—Seed Wheat—Horace Greeley's Essays—Rocky Mountain Mounds.
8.—Soiling and Fencing—The Brahma Fowl—Principles Involved in Breeding.
9.—Something New—American Papers.
10.—Wasting Capital—To Preserve Tomatoes—Diarrhea in Cattle—Man's Life—To Clean a Rusty Plow—What to do with Sheep Skins—Origin of the Picnic—Collar Boils on Horses.
11.—Youths' Department—Advertisements.
12, 13, 14, 15, Advertisements.

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Great Western Railway.

GOING WEST.—Steamboat Express, 2.40 a.m.; Night Express, 4.25 a.m.; Mixed (Local) 7.00 a.m.; Morning Express, 12.50 p.m.; Pacific Express, 4.55 p.m. GOING EAST.—Accommodation, 6.00 a.m.; Atlantic Express, 8.50 a.m.; Day Express, 12.40 p.m.; London Express, 4.00 p.m.; Night Express, 10.50 p.m.; Special N.Y. Express, 12.10 a.m.

Grand Trunk Railway.

Mail Train for Toronto, &c., 7.30 a.m.; Day Express for Sarnia, Detroit and Toronto, 11.30 p.m.; Accommodation for St. Mary's, 3.20 p.m.

London and Port Stanley.

LEAVE LONDON.—Morning Train, 7.30 a.m. Afternoon Train, 3.00 p.m. LEAVE PORT STANLEY.—Morning Train, 9.30 a.m.; Afternoon Train, 5.10 p.m.

London Markets.

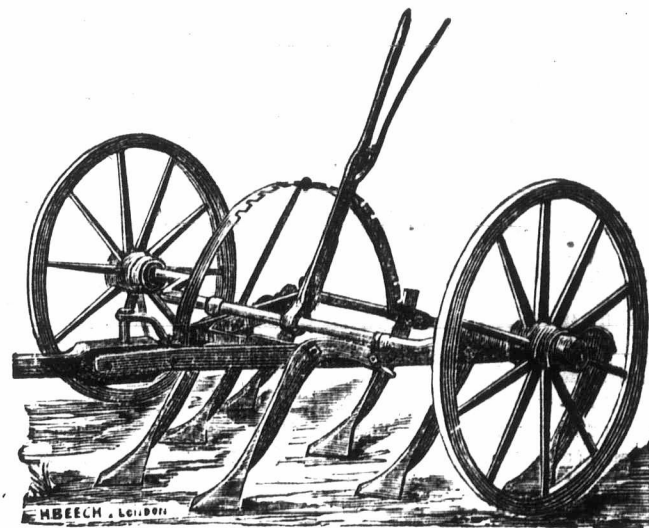
LONDON, Dec. 27, 1870.

Grain.

White Wheat, per bush	1 00 to 1 25
Red Fall Wheat	1 00 to 1 10
Spring Wheat	1 10 to 1 25
Barley	45 to 55
" good malting	70 to 75
Peas	65 to 72
Oats	40 to 42
Corn	65 to 70
Buckwheat	40 to 45
Rye	40 to 50

Produce.

Hay, per ton	8 00 to 10 50
Potatoes, per bush	40 to 40
Carrots, per bush	16 to 18
White Beans, per bush	75 to 1 00
Apples, per bush	25 to 50
Dried Apples, per bush	1 75 to 2 00
Hops, per lb.	5 to 10
Clover Seed	7 50 to 8 00
Flax Seed, per bush	1 50 to 1 75
Cordwood	4 50 to 5 00
Fleece Wool, per lb.	28 to 31



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