

#### 10, 1901. THE U. ION ADVOCATE, WEDVESDAY, JUN

### PIANCE AT SEA.

usands of Them Afloat In One Part of the World and Another. "Take them the world around," said a FEATS OF MENTAL ARITHMETIC THAT piano manufacturer, "and I guess you find in use thousands of pianos afloat. PUZZLED THE SCIENTISTS.

HEADS FOR FIGURES.

this certainly rather cumbrous process he

Jedediah had no more general knowl-

378 to be 172,368.

You will find them on ocean steamers in the passenger trade everywhere and on Two Untaught Phenomenous, Ignomboats in inland waters. You will rant on All Other Subjects. Who find them on merchant sailing vessels, Could Solve Offhand Difficult Probships and barks, and in the spacious cablems In Mathematics.

If, for instance, you happened to find Jedediah Buxton, an English farm la lying in South street a ship whose master borer, was an untaught mathematical carried his wife with him on his voyages, genius. Although his grandfather was you would find in the cabin, very likely, vicar and his father schoolmaster of the a piano. Here, with the vessel tied up parish in which he was born, yet Jedeand in still water, you might see standing diah, either from natural incapacity or on the piano a vase of flowers. You from preoccupation with his arithmetical would scarcely see the flowers there when pursuits, never even acquired the rudithe vessel was rolling in a seaway, but ments of learnin, either could not or you might, if you were aboard, hear the would not so much as learn to write and piano played under the equator or off was content to work as a farm laborer to Cape Horn, and the vase of flowers would the end of his days. But at a very early reappear when the vessel was once more age he appears to have had an intuitive lying securely in port. perception of the relative proportions of

"And then there are lots of pianos in numbers, and to this subject he devoted these days on yachts, both steam and sail; the whole of his attention. His method the greater number, naturally, on steam was so much his own that he seems to yachts. have been quite unacquainted with the

"The pianos carried at sea are common common rules. On one occasion, having ly uprights, and most commonly small uprights, space being taken into considbeen required to multiply 456 by 378 and having done it as quickly as one of his eration on almost any vessel, however examiners could do it in the ordinary large. Pianos for yachts are often built way, he was asked to work the sum audiorder, to fit into some jog or space in the vessel's cabin. discovered. It then appeared, curiously "The life of a piano carried at sea is

enough, that he went to work in a very comparatively short; it is scarcely likely roundabout way. to preserve its original quality more than First he multiplied the 456 by 5, which five years, even though it was a good produced 2,280; this he again multiplied piano to start with. Carried at sea the by 20 and found the product to be 45,600. piano is subjected to severer trials than it Of course, he might much more readily could possibly be anywhere else. It is have achieved this result by simply addsubjected constantly to the influence of subjected constantly to the influence of ing two naughts to the multiplicand. dampness and to changes of climate and This he evidently did not know. Howtemperature. ever, he next went on to multiply the

"Pianos may be bought for sea use out number he had now arrived at by 3, of the regular stock. Those made to or-der for sea use are made with details of cand multiplied by 300, and it then retheir construction especially adapted to mained for him to multiply it by the re-

Poor Jonesy! Last night lay merest chance I took A faded blossom from a book And crushed beneath my comsy feet A thing that was so fair and sweet Some twenty Mays ago.

JINGLES AND JESTS.

One summer's evening by the sea My heart's ideal walked on with me And from a bending brier vine Broke off this blosson-true love's sign-Some twenty Mays ago.

Sweet were the fields in fading light, With roses closing for the night, And sweet her promise made to me That summer evening by the sea Some twenty Mays ago.

Ah, well! I go alone my way, Content, yet single, getting gray; The light of love for me died down; The blood red rose has faded brown Since twenty Mays ago.

"And did she dic?" Ah, no; not she; She married Jones and jilted me. She's loud and fat, of fiery vim, And Jones-poor dog-I pity him; He leads a life, you know. -Baltimore World.

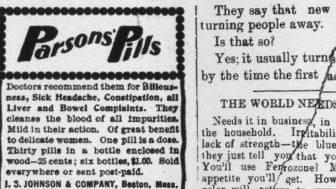
Prepared For the Worst. "Yes: Briscom's wife insists on running their auto."

"I noticed the fact when they passed. But why does Briscom sit in that bly, in order that his method might be cramped up position?" friend indeed. "He's all braced for a hasty jump."

> Not So Vulgar. "If you'll split some wood, I'll give

you a good meal," said the lady of the "Excuse me, madam," haughtily returned the wanderer. "I never begin breakfast with a chop."

Golf. Maxwelton's braes are bonny, And every one and the makers there. And the course of conteen holes. 'Tis there with Annie Laurie And caddie every day I go, and, ch, how blissfully We hoot the hours away (awa')!



The Gobbler (the last of his)

human beings to inake hogs of

Spendalot-A friend in need is a

On, about fifty years ago.

AN IMPORTANT INDUSTRY

T. H. Estabrooks of St. John de-

LIMPING, LIMPING

From corne? No necessity for that. Pur-

nam's Painless Corn Extractor removes

all corns, large and small, 11 about twenty

tour hours. This is reliable information,

your druggist will substantiate it if you

ask him. Be save and ge rutnam's it

causes no pain.

paid for, said the editor. When? guaranteed.

baths.

themselves.

is, if you will use Ferrozone. It gives The Hog (with paper)-Well, nerve strength, muscular endurance and well! Wonders never cease! Hu- invigorates the brain splendidly. Sold by A. E. Shaw. man beings are now taking mud

Yes; it usually turns them away, MRS. A. LIVINGSTONE. by the time the first fact is over. Lot 5, P. E. I. THE WORLD NEEDS NERVE. I was cured of a several ttack of Rheumatism by MINARAS LIN-Needs it in business, in the study, in the household. Irpitability, weakness, lack of strength-the blue feeling-why IMENT.

MENT.

I was cured of Bronchitis and

Asthma by MIMARD'S LINI-

they just tell you that you lack nerve. You'll use Ferrozone? My! What an appetite you'll get. How quickly the color will return to your cheeke, how buoyant you will fee! Work! of course Mahone Bay, JOHN MADER. I was cured of a severely sprained leg by MINARD'S LINIMEMT you'll work, for you will enjoy it. That

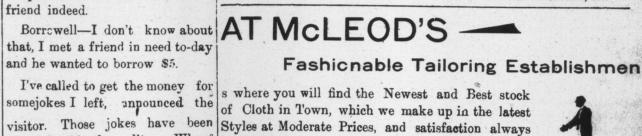
JOSHUA WYNACHT. Bridgewater.

I can tell you one thing, Maria Mother-Harry Tucker is the If Johnny is like me, he will have flock)-It isn't at all uncommon for worst boy in school, Tommy, and I good staying qualities anyhow.

want you to keep as far from him, He has them now, John. He'd as possible. stay in bed till noon every day if Tommy-I do, ma. He is al- I'd let him. ways at the head of our class.

playing

Minard's Liniment cures colds, etc.



Just you call and see and be satisfied.



S. McLEOD

at use. The steel pins, for instance. maining 78. This he effected by the that the wires are stretched on are nickel awkward process of multiplying by 15 plated to prevent them from rusting, and the 2,280, which was the product obtain with the same purpose brass screws are ed by his first multiplication of 456 by 5. used where they can be in place of steel The product thus obtained he then added screws. Sometimes we rivet the ivory to the 136,800, which was the sum of 456 tops of the keys and the ivory tips on the multiplied by 300. This produced 171, ends to the body of the key. Even with 000 as the sum of 456 multiplied by 375. the best and most faithful construction It remained for him, therefore, to multithese ivory coverings on the keys are liaply the original number again by 3 and ble to curl up at sea." add the sum of it to 171,000. And by

MERELY AN EYEWASH.

The Chemical View of Tears Differs From the Poetical View.

edge than any average peasant boy of 10 years of age and showed no memory for Tears have their functional duty to acmplish, like every other fluid of the anything but figures. He was sometimes body, and the lachrymal gland is not asked when he returned from church if placed behind the eye simply to fill space he could repeat the text or any part of or to give expression to emotion. the sermon, but he could never remember

The chemical properties of tears con- a single sentence. In 1754, when he was sist of phosphate of lime and soda, mak-ing them very salty, but never bitter. don to see the king. He was entertained Their action on the eye is very beneficial, and exhibited to the Royal society, but he and here consists their prescribed duty left London without a regret and return of the body, washing thoroughly that ed cheerfully to his farm work.

sitive organ, which allows no foreign Another untaught arithmetical genius. fluid to do the same work. Nothing Zerah Colburn, whose abnormal developeanses the eye like a good, salty show- ment raises an interesting problem, was er bath, and medical art has followed na- the son of an American peasant. He was ture's law in this respect, advocating the brought to London by his father in 1812. invigorating solution for any distressed when 8 years old, when he was examined condition of the optics. Tears do not weaken the sight, but improve it. They Francis Baily and other skillful matheact as a tonic on the muscular vision, maticians. It was found that, although keeping the eye soft and limpid, and it will be noticed that women in whose of arithmetic that he could not perform eyes ympathetic tears gather quickly on paper a simple sum in multiplication have brighter, tenderer orbs than others. When the pupils are hard and cold, the tiply any number less than 10 into itworld attributes it to one's disposition. self successively nine times and give the which is a mere figure of speech implying results faster than the person appointed the lack of balmy tears that are to the to mecord them could take them down. cornea what salve is to the skin or nour- He multiplied 8 into itself 15 times, or.

ishment to the blood. The reason some weep more easily than others and all more readily than the sterner sex has not its difference in the every figure. This was astonishing to use technical terms, raised it to the trength of the tear gland, but in the pos- enough, but he was able to do things even more wonderful. When asked what num-more wonderful. When asked what num-ber multiplied by itself gave 106,920, he more wonderful. When asked what numbrate more easily, causing a downpour from the watery sac. Men are not near could be wriften down, that it was 327. ly so sensitive to emotion. Their sympa- And, again, when asked what number hetic nature-that term is used in a medmultiplied twice into itself gave 08,ical sense-is less developed, and the eye 326,125, or, to put it technically, what gland is therefore protected from shocks. was the cube root of that array of figures, Consequently a man should thank the formation of his nerve nature when be ness that it was 045. The mathematical contemptuously scorns tears as a wo- experts who were examining the boy nan's practice. Between man and mon- found that it was impossible to find the key there is this essential difference of cube root of these nine figures, in the tears-an ape cannot weep, not so much shortest and most convenient way, in less because its emotional powers are undethan three or four minutes. reloped as the fact that the lachrynial gland was omitted in his optical make up. But what most surprised the mathema-

Merely the President,

not been able to provide any systematic procedure themselves. For instance, he characteristic anecdote of Lincolu was asked to name two numbers which. dates back to the time when there were ultiplied together, would give the numso many fires at the national capital that her 247.483, and he immediately named cion of incendiaries was entertained 941 and 203, which are said to be the and various northern eities began to offer only two numbers which will do so. And the services of special fire brigades. The authorities of Philadelphia in particular when asked to name a number which would divide 30.083 exactly he unhesitatwere most urgent and sent a special comwere most urgent and sent a special com-mittee to wait upon the president and urge him to accept the services of such a bright readers will address themselves to this

The committee was tedious and long rinded, and the president was anxious to rinded, and the president was anxious to get back to the public business which de-manded his attention. Finally, seeing no selves that 30,083 is what is called a prime number, or a number only divisible prospect of a termination of the interby itself and unity, a solution which this view in the usual way, he interrupted one child was in some mysterious way able of the orators in the midst of a grandiloto see immediately the question was pro-

A use of a total in the midst of a grandid-quent flight by saying: "Ab, yes, gentlemen, but it is a mistake to suppose that I am the head of the fire department in Washington. I am merely the president of the United States."-Youth's Companion. how the answers came into his mind. "God put these things into my head," he said on being pressed for an explanation,

Pyramid of Cheops.

"and I cannot put them into yours." Jed The greatest structure ever raised by ediah lived to the age of 65 with no more the hand of man is the great pyramid of general knowledge or stock of ideas than Cheops. Egypt, founded 4,000 years ago and measuring 746 feet square on the base and 440 feet high. It took 20 years in construction; 100,000 men worked for the state of the special power to the special power to nary calculating faculty to the end. But Zerah, the general culture of his mind improved, found his special power to fade away. Francis Baily was of opin-ion that Zerah Colburn's feats indicated the culture of the special power in the special power is the spe three months, and then, being relieved, were succeeded by an equally large corps. The mass stones were brought from Arabia, 700 iles away. The cost of the iles away. The cost of the of \$145,000,000. work is es

Wreck One of the sofferers by a late rail-way accident was rushing wildly about, when some one asked if he was hurt.

the existence of certain properties of numbers which mathematicians had not yet discovered. But it is perhaps equally possible that they indicated capacities of the human mind which had hitherto been undreamed of.-London Globe.

ily answer questions for which they had

Couldn't Waste It. "I'ze sorry to see you gwine fishin, Ephraim, w'en you ought to be workin."

found the product of 456 multiplied by "Well, I'ze sorry, too, pahson, but I Red Rose Tea. couldn't afford to waste this weather.

-Indianapolis News. A Suspicion Aroused.

"Stop that noise, Jimmy, or we will send you to bed." until I married George to reform "Pa, you don't act like I wuz your real child at all. You act like I wur him. jes' somebody else's ole orphan.'

Afterwhile. Afterwhile we'lt go loafin Where th' willers swish an bend, Where th' blackbirds sing in chorus All th' summer without end.

Afterwhile we'll go fishin 'Neath th' summer sunset skies an, returnin, tell our neighbors Jes' about th' same old lies. -Denver Times

Social Geometry. Miss Freeman-Why, 1 thought you knew her! She lives in the same square with you

Miss Hutton-Perhaps. But she does not move in the same circle.

A Sad Discrepancy. Soon luckless man will mourn his plight And fate's oppressions rue And wish that fish would freely bite

As the mosquitoes do. -Washington Star.

As to His Feet. Towne-See that man? Well, sir, he landed in this country with bare feet. and now he's got millions. Browne-Gee whiz! He's worse than a centiped, isn't he?

Gastronomie Competitives. When it comes to needing sugar, 'tis a downright Size 18x24.

strawberry shortcake and the early "Twixt the cherry pie. -Chicago Record-Herald.

Not Being a Bird. Doctor-Ah, you are much better to-

day. You followed my prescription exactly? Patient-No, doctor, I couldn't. It blew out of the window.

> Outdone. The mocking bird may warble sweet, But its melodious manner Can't never win such crowds as greet The circus steam pignner.

A Sure Cure. the tobacco habit. Rifkins-How? Bilkins-By smoking some ciga

> How Time Changes. When I was twenty-three, I knew Miss Sere, and she was thirty-two, But now I'm thirty-two, and she-How strange-is only twenty-three!

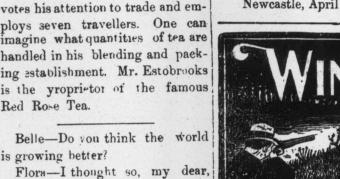
wife bought me.

wooden head."

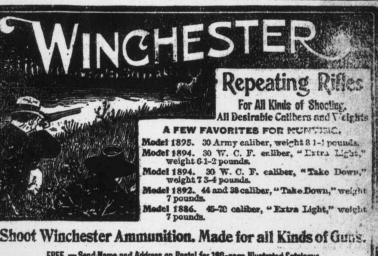
Harmony. "Say what you like of Gazzam, but he has a heart of oak," said Keedick. "That's all right." replied Fosdick. "He needs it to harmonize with his

The End Seat Porker. The end seat hog is back once more To vex the public weal. And when a fat man crowds before It's fun to hear him squcal.

Possible Motive.



Newcastle, April 15th.



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