

SQUARING THE CIRCLE.

An Ancient Problem That Has Turned Many Brains Dizzy.

The oldest of problems is that of squaring the circle—i. e., of telling the precise length of the side of a square whose area will equal the area of a given circle.

The first attempt we know of was made 500 years before the exodus of the Jews. Since at least 1300 B. C. Chinese brains have turned dizzy over it. The oldest mathematical book in the world—written about 2000 B. C., by Ahmes, scribe to an Egyptian king, and now resting in the British museum—pretends to solve it, but it doesn't. Our old friend Euclid prudently avoids the subject.

Books have been written to prove that it is impossible, others to prove the impossibility of proving its impossibility, others again to prove the impossibility of proving its possibility. One scientist, a professor of Zurich, adopted some fifty years ago a rather original method of tackling the problem. He divided the floor of a great left into thousands of small squares and spent his days in solemnly throwing needles about and noting the number of times they fell clear of the chalk lines, but it did not help him much.

The important ratio which would settle the question has been carried to 500 places of decimals. And still it is not exact. If you have a taste for sums you can start and carry it to 600 and see what happens.

At any rate, you will soon find your hair getting grayer.—London Answers.

A HUMILIATED MONKEY.

The Crippled Old Despot Was Made to Feel His Mighty Fall.

The following amusing story is told by J. L. Kipling in his "Man and Beast in India" of the humiliation of a monkey whom physical disablement prevented from maintaining his despotic position as leading male of the troop:

"One morning there came a monkey chieftain, weak and limping, having evidently been worsted in a severe fight with another of his own kind. One hand hung powerless, his face and eyes bore terrible traces of battle, and he limped slowly along with a pathetic air of suffering, supporting himself on the shoulder of a female—a wife, the only member of his clan that had remained faithful to him after his defeat.

"We threw them bread and raisins, and the wounded warrior carefully stowed the greater part away in his cheek pouch. The faithful wife, seeing her opportunity, holding fast his one sound hand and opening his mouth, deftly scooped out the store of raisins. Then she sat and ate them very calmly at a safe distance, while he mowed and chattered in impotent rage.

"He knew that without her help he could not reach home and was fain to wait with what patience he might till the raisins were finished. This was probably her first chance of disobedience or of self assertion in her whole life, and I am afraid she thoroughly enjoyed it."

What Was Missing.

Dr. Watson (Jan MacLaren) used to tell a story about his trip to the Holy Land, to which he had been looking forward for a number of years with pleasurable anticipation.

As he was nearing the center of historic Palestine he met an American who was making all haste to get away. After such greetings as two English speaking men meeting in a foreign country might exchange the American asked Dr. Watson where he was going.

"To Jerusalem," was the reply. "Jerusalem!" exclaimed the American in tones of unfeigned disgust. "You don't want to go there. I've just come away. It's a slow town. Why, there isn't a single daily newspaper in the whole place!"

Misleading.

"That is a fat, prosperous looking envelope. Does our salesman send in a big bunch of orders?"

"Not exactly. That envelope contains a receipt for his last check, his expense account for this week, a request for a salary raise and a requisition for some more expense account blanks."—Louisville Courier-Journal.

Couldn't Walk.

Wife—You told me the other day we must avoid all luxuries and confine ourselves to absolute necessities only. Hubby—That's so, my dear. Wife—Well, last night you came home from the club in a cab. Hubby—Yes, but that was an absolute necessity.—Pfelegende Blatter

EGGS FOR SALE

Plymouth Rock eggs for setting, at Farmers' Exchange, or three miles southeast of town on Midland road. LAURA MILLER, Klamath Falls, Ore. 11

NOTICE TO CREDITORS

In the County Court of the State of Oregon, for Klamath County. In the Matter of the Estate of James M. Arnett, Deceased.

Notice is hereby given by the undersigned, administrator of the estate of James M. Arnett, deceased, to the creditors of, and all persons having claims against, the said deceased, to exhibit them, with the proper vouchers, within six months after the first publication of this notice, to the said administrator at his residence in the City of Klamath Falls, Klamath County, Oregon, the same being the place for the transaction of the business of said estate.

JOEL P. ARNETT, Administrator of Said Estate. 4-21-5-26

WATER USERS' MEETING

A special meeting of the stockholders of the Klamath Water Users' Association was held in the city last Saturday, at which the par value of the stock of the association was raised from \$20 to \$30 per share. On the matter of refunding the money paid into the association for dues by the land owners of the Upper Project, it was voted that be not refunded, the position being taken that the association could not do so legally. It is stated that suits will be filed to test the matter in the courts.

NOTICE TO CREDITORS

In the County Court of the State of Oregon, for Klamath County. In the Matter of the Estate of Jessie M. Arnett, Deceased.

Notice is hereby given by the undersigned, administrator of the estate of Jessie M. Arnett, deceased, to the creditors of, and all persons having claims against, the said deceased, to exhibit them, with the proper vouchers, within six months after the first publication of this notice, to the said administrator at his residence in the City of Klamath Falls, Klamath County, Oregon, the same being the place for the transaction of the business of said estate.

JOEL P. ARNETT, Administrator of Said Estate. 4-21-5-26

NOTICE

To the Stockholders of Klamath Water Users' Association:

You are hereby notified that the following amendment to the By-Laws of the Klamath Water Users' Association will be submitted for your acceptance or rejection at the next annual meeting of stockholders of said association to be held in the Houston Opera House, Klamath Falls, Oregon, on Friday, the 3rd day of June, 1919, at the hour of 2 o'clock p. m., to-wit:

That Section 1, Article III, of said By-Laws be amended to read as follows:

"The exercise of the corporate powers of this Association and the management of its affairs shall be vested in a board of seven Directors elected to serve one year."

By order of Board of Directors, Klamath Water Users' Association.

By ALBERT E. ELDER, Secretary. 4-28-6-2

SALE OF TIMBER.—Portland, Oregon, April 21, 1919.—Sealed bids marked outside "Bid, Timber Sale Application, April 6, 1919, Crater," and addressed to the District Forester, Forest Service, Portland, Oregon, will be received up to and including the 28th day of May, 1919, for all of the merchantable dead timber standing or down and all the live timber marked for cutting by the Forest officer, located on an area to be definitely designated by the Forest officer before cutting begins of approximately 400 acres on the east slope of Pelican Butte within the E½ of Sec. 10 and the W½ of Sec. 11, T. 35 S., R. 6 E., W. M., in the Crater National Forest, Oregon; estimated to be 2,702,000 ft. B. M. of western yellow pine, 1,313,000 ft. B. M. of white fir, 125,000 ft. B. M. of Douglas fir, 40,000 ft. B. M. of incense cedar, 8,000 ft. B. M. of sugar pine, live saw timber, and 280,000 ft. B. M. of dead saw timber, log scale, more or less. No bid of less than \$3.20 per M ft. B. M. for both live and dead timber will be considered, and a deposit of One Thousand Dollars (\$1,000.00), payable to the order of the First National Bank of Portland, Oregon, must be sent to that bank for each bid submitted to the District Forester. Timber upon valid claims is exempted from sale. For further information and regulations governing sales address Forest Supervisor, Crater National Forest, Medford, Oregon.—GEO. H. CECIL, Acting District Forester. 4-28-5-26

NOTICE

To the Stockholders of the Klamath Water Users' Association.

You are hereby notified that a special meeting of the stockholders of the Klamath Water Users' Association will be held in the Houston Opera House, Klamath Falls, Oregon, Saturday, April 16th, 1919, at the hour of 2 o'clock p. m. for the purpose of increasing the par value of the shares of stock of the said association from the sum of \$20 per share to the sum of \$30 per share, and for the further purpose of authorizing the Board of Directors of the said association to levy assessments against the stock subscriptions of the said association sufficient in amount and against each and every share subscribed to reimburse and to pay back to the stock subscribers under what is known as the "Upper Project" such amount or amounts as such subscriber or subscribers have from time to time paid to said association upon the assessments made and levied by the Board of Directors of said association for the accomplishment of the purposes of this association; said stock subscribers being limited to those whose stock subscriptions are hereafter canceled by the Secretary of the Interior.

ALBERT E. ELDER, Secretary Klamath Water Users' Association. 3-10-4-14

NOTICE OF SALE OF STATE LANDS

Notice is hereby given that the State Land Board will receive sealed bids until 11 o'clock a. m., June 28, 1919, for the following described swamp lands, all in in T. 35 S., R. 7½ E.:

Lot 1 of Section 2; lots 1, 2 and 3, NE¼ of SE¼ of Section 3; all of lots 1, 2, 3, 4, 5, 6, 7 and 8, except the NW¼ of NE¼ of Section 10; all of lots 1, 3 and 4, except the NE¼ of SW¼ of Section 9; all of lots 1, 2, 3 and 4, except the NW¼ of NW¼ of Section 28; all of lots 1, 2, 3 and 4, except the SW¼ of NW¼ of Section 29; all of lots 1, 3, 4 and 5, except the SE¼ of NE¼ of Section 30.

All bids must be accompanied by a regularly executed application to purchase and at least one-fifth of the amount offered. No bid for less than \$20 per acre will be considered.

The right to reject any and all bids is reserved.

Applications and bids should be addressed to G. G. Brown, Clerk State Land Board, Salem, Oregon, and marked "Application and bid to purchase swamp lands."

G. G. BROWN, Clerk State Land Board. April 14, 1919. 4-21-6-23

10-19000 "K" A. M.

NOTICE OF RESTORATION OF PUBLIC LANDS TO SETTLEMENT AND ENTRY.—Department of the Interior, General Land Office, Washington, D. C., March 26, 1919.—Notice is hereby given that the Secretary of the Interior has vacated departmental order of withdrawal in so far as the same affects the withdrawal for irrigation purposes under the act of June 17, 1902 (32 Stat., 388), for use in connection with the Klamath Project, Oregon-Calif., of the following described lands in the State of Oregon and by his authority such of said tracts as have not been heretofore finally restored and are not otherwise withdrawn, reserved, or appropriated, will be subject to settlement under the public land laws of the United States on and after July 2, 1919, but shall not be subject to entry, filing, or selection until August 1, 1919, at the United States land office at Lakeview, Oregon, warning being expressly given that no person will be permitted to gain or exercise any right whatever under any settlement or occupation begun after March 22, 1919, and prior to July 2, 1919, all such settlement or occupation being forbidden: Willamette Principal Meridian—T. 37 S., R. 7 E., all Secs. 6, 7, 8, 9 and 23 and

26 to 35 inclusive. T. 39 S., R. 8 E., N½ NE¼, N½ NW¼ Section 13; N½ NE¼ and W½ Sec. 14; N½ NE¼, NW¼ and W½ SW¼ Sec. 22; NW¼, SE¼, NW¼ Sec. 23; N½ Sec. 29; N½, E½ SW¼, W½ SE¼ and NE¼ SE¼ Sec. 30 and SE¼ Sec. 36. T. 40 S., R. 8 E., E½ NW¼ and NE¼ Sec. 1; W½ SW¼ Sec. 7; W½ SW¼ Sec. 27; N½ NE¼, SW¼ NE¼, E½ NW¼ and SE¼ Sec. 33. T. 39 S., R. 9 E., all Sec. 1; E½, NW¼, E½ SW¼ Sec. 2; all Sec. 5; N½ SW¼, W½ SE¼ Sec. 8; N½ NE¼ and NW¼ SE¼ Sec. 9; E½ NE¼ and NW¼ NE¼ Sec. 11; N½ NE¼ SW¼ and SE¼ Sec. 12; E½ NE¼ Sec. 13; NW¼ NE¼, N½ NW¼, SW¼ NW¼ Sec. 17; all Sec. 18; W½ NE¼, W½ and W½ SE¼ Sec. 19; SW¼ NE¼, SE¼ NW¼, E½ SW¼, W½ SE¼ and SE¼ SE¼ Sec. 28; N½, N½ SW¼, N½ SE¼ Sec. 30; SW¼ SW¼ Sec. 31; NE¼, E½ NW¼

and E½ SE¼ Sec. 33; SE¼ NW¼, W½ NW¼ and SW¼ Sec. 34. T. 35 S., R. 7½ E., lots 1, 2, 3, 4 and the SW¼ SW¼ Sec. 16. T. 40 S., R. 9 E., W½ SW¼ Sec. 1; SE¼ SW¼, SW¼ SE¼ E½ SE¼ Sec. 2; SW¼ NE¼ Sec. 3; S½ SW¼, SW¼ SE¼ Sec. 5; N½ NW¼ SW¼, E½ SW¼, SE¼ Sec. 6; NE¼ NE¼ Sec. 7; W½ NE¼, NW¼, NE¼ SW¼ and SE¼ Sec. 8; SW¼ and W½ SE¼ Sec. 9; E½ NE¼ Sec. 11; NW¼, N½ SW¼ and SW¼ SW¼ Sec. 12; NW¼ NW¼ and SW¼ SW¼ Sec. 13; E½ NE¼, SW¼ SE¼ Sec. 14; NE¼, S½ SW¼, S½ SE¼ Sec. 15; W½ NE¼, W½ and SE¼ Sec. 16; E½ NE¼ and NE¼ SE¼ Sec. 17; E½, NW¼ and E½ SW¼ Sec. 21; all Sec. 23; SW¼ SW¼ Sec. 22; N½ NE¼ and NW¼ Sec. 24; NE¼, E½ NW¼, NW¼ NW¼, NW¼ SE¼, E½ SE¼ Sec. 27; NE¼ NE¼ Sec. 28; NE¼ NE¼ Sec. 34; N½, NE¼

SW¼ and SE¼ Sec. 35. T. 41 S., R. 9 E., NE¼, SE¼ NW¼, NE¼ SW¼, NW¼ SE¼ and S½ SE¼ Sec. 1; NE¼ NE¼ Sec. 2; and NE¼ NE¼ Sec. 12. T. 41 S., R. 10 E., S½ NW¼ and S½ Sec. 4; NW¼ Sec. 6; NE¼ and NE¼ NW¼ Sec. 9; NW¼ Sec. 10. T. 37 S., R. 13 E., all. T. 38 S., R. 15 E., all Secs. 1 to 12; 14 to 23 and 27 to 33 inclusive. T. 38 S., R. 14 E., all Secs. 1 to 15, 22 to 27 and 34 to 36 inclusive. T. 39 S., R. 14 E., all Secs. 1, 2, 11, 12, 13, 14, 24, 25 and 31 to 36 inclusive. T. 39 S., R. 15 E., all. T. 37 S., R. 19 E., all Secs. 14 to 17, 19 to 23 and 25 to 26 inclusive. T. 38 S., R. 10 E., all Secs. 1 to 6, 8 to 16, 23 to 25 inclusive and Sec. 36. T. 38 S., R. 11½ E., all Secs. 6, 7, 18 and 28 to 33 inclusive. S. V. PRODFIT, Acting Commissioner of the Gen. Land Office. FRANK PIERCE, First Assistant Secretary of the Interior. 4-21-6-30



The Greater Monarch

THE NEW DEPARTMENT

THE OPENING OF THE NEW DEPARTMENT WAS CROWNED WITH GREAT SUCCESS. IT IS ONE OF THE MOST COMPLETE IN THE CITY AND THE PRICES ARE SUCH AS WILL SUIT EVERY POCKET BOOK. THE LATEST IN LADIES' FURNISHINGS, MEN'S FURNISHINGS, BOOTS AND SHOES. YOU WILL SAVE MONEY BY EXAMINING THE NEW, FRESH, UP-TO-DATE STOCK CARRIED IN THIS DEPARTMENT.

GROCERY DEPARTMENT

THE GROCERY DEPARTMENT HAS LONG BEEN RECOGNIZED AS A LEADER. IT IS STILL SO. ONLY THE VERY BEST OF PURE FOODS TO BE FOUND ON OUR SHELVES—ALL PUT UP UNDER THE PURE FOOD LAW OF THE UNITED STATES. A SPECIAL EFFORT IS ALWAYS MADE TO MEET THE DEMANDS OF THE TRADE AND EVERY REQUEST OF OUR CUSTOMERS MEETS WITH THE MOST CAREFUL ATTENTION. FREE DELIVERY THROUGHOUT THE CITY.

MONARCH MARKET

LIKE OUR TWO OTHER DEPARTMENTS, THIS RECEIVES OUR MOST CAREFUL ATTENTION. FRESH, GREEN VEGETABLES ARE RECEIVED EVERY DAY BY EXPRESS. BERRIES AND OTHER FRESH FRUITS ARE ALWAYS TO BE FOUND ON HAND. FISH AND CHICKENS EVERY WEEK. IF YOU NEED IT, THE MONARCH MARKET HAS IT, OR IT IS NOT TO BE FOUND ANYWHERE.

DELICATASSEN

OUR DELICATESSEN HAS BEEN A GREAT HELP TO THE HOUSEWIFE AND THOSE DOING LIGHT HOUSEKEEPING. DURING THE WARM WEATHER IT WILL BE MUCH MORE SO. WE INTEND TO KEEP ALWAYS ON HAND A COMPLETE LINE OF TEMPTING AND PALATABLE DISHES. IT IS CHEAPER TO BUY FROM US THAN TO COOK YOURSELF—AND IT IS BETTER.

THE MONARCH MERCANTILE COMPANY IS GROWING EVERY DAY. WE OWE OUR SUCCESS TO KEEPING ABREAST OF THE TIMES AND MEETING THE DEMANDS OF OUR CUSTOMERS. IF THERE IS ANYTHING YOU WANT, PHONE US AND WE WILL DELIVER IT PROMPTLY.

MONARCH MERCANTILE COMPANY

[INCORPORATED]