

work of the household and to be able to preserve the health of its members by scientific and wholesome housekeeping is an important matter, and one to which must give their attention, and the most important for women. Skilful housekeeping, the proper care of husband and children, and the domestic affairs are among the most important measures by which human health and happiness are promoted and the wealth and comfort of the nation secured. You young ladies who are entering this field and assisting in the solution of some of the vexed household problems that confront the civilization of today, may well be proud of the work before you and of the opportunity afforded you to fit yourselves for it in such an institution as the college.

**MISSION OF THE COLLEGE.**  
I think, if time permitted, I could tell you that I had received the benefit received by the people of the state from this institution, in the accomplishment of the work for which it was established, and I am sure that I cannot find language strong enough to express my deep convictions on this important matter. Any of the purposes named above is a sufficient reason for the existence of this school and all of them together form an argument for its increased prosperity and our unfailing loyalty to it.

It is not only the desire but the firm intention of the friends of the state and all its institutions that the Agricultural college shall be sustained and fostered in the work it was founded for, and is destined to accomplish. As no work can be more zealously encouraged and fostered than the work of the Agricultural college, it is the hope of the friends of the college that the increase and its prestige become greater, as the need of the state increases for the kind of instruction it gives to our citizens. So far as I am concerned, and I am sure I can speak as well for all true friends of the state and its schools, the college will be encouraged to keep pace with the demand of the state for the kind of research, investigation, experiment and development expected and demanded of this school.

#### CHANCE FOR GREATNESS.

It is possible to estimate the great things that may and should be accomplished in the direction of original research and investigation, and the excellent results that will flow therefrom. Do we know what young men and young women are doing in the state through the opportunities afforded you here, to write their names among those of the greatest investigators and benefactors of the world in those sciences in which the world depends for its support. I am glad to know that a great deal has already been done in this direction, and that more is in contemplation. And it is my sincere wish that everything possible shall be done to assist our farmers, stockmen, merchants, housewives and others, the solid element of the state, in overcoming the difficulties and the solving of individual problems.

There is a great demand in these times for men and women who can do things. Intellectual training is not to be despised and discouraged; ethical teachings are not to be neglected. But one of the greatest elements of intellectual and moral is the ability and willingness to do useful things in one's long life. Therefore in connection with intellectual and ethical training, an indispensable element of an educational institution founded and supported as this one is, is the training of young men and women to be able and willing to do the work that is awaiting them in the practical affairs of the state and nation.

#### LAW DETERMINES POLICY.

Regarding differences of opinion as to the policy and scope of the Agricultural college, I wish to say here, that the law under which the college was founded, and is sustained must determine its policy. Permit me to quote two sections of that law in order that my position may be made clear. Sec. 3074, reads as follows: "The leading object of the college shall be to teach branches of learning related to agriculture and mechanic arts, and such other scientific and classic studies as may promote the liberal and practical education of the industrial and professional life." Sec. 3075 is as follows: "The course of instruction shall embrace the English language and composition, Mathematics, agriculture, agricultural chemistry, animal and vegetable anatomy and physiology, the veterinary art, insect entomology, geology, and such other natural sciences as may be presented, technology, political and rural and household economy, horticulture, moral philosophy, jurisprudence, bookkeeping and especially the application of science and the mechanical arts to practical agriculture."

#### NO GROUND FOR DIFFERENCES.

You will perceive from these quotations that there is no real ground for differences of opinion as to the work of the college, and the nature of the service expected from it. It is to teach, first and foremost, agricultural science and kindred subjects. That is the one reason for the existence of the institution. Without that purpose the government and the state would not expend the money necessary to support the college, because other institutions in the state are founded for the purpose of teaching the other branches. In addition to the teaching of agriculture and the mechanic arts, but subservient to that purpose, the law provides that the college shall include in its curriculum such branches as English, mathematics, natural science, etc., and it intended that these shall be taught in their relation to agriculture and the trades. But it is not only intended, it is urged to the school and to the state, to neglect the branches required to be taught here, or to be too lavish with the funds of the state in order to unecessarily advance work in those subjects which are evidently intended to be secondary. I do not say that this has been done. I merely remark that such a policy would be wrong, extravagant and destructive of the very end and view in the organization of the Agricultural college. Its best friends are the ones who will most earnestly protect against such a misuse of the power and the funds bestowed upon the school.

#### MUST BE NO DIVISION.

Now I trust I have made my meaning and my position on this matter sufficiently clear. I repeat that there must be no division of sentiment and energy in an institution supported by state funds and therefore expected to give the best and largest possible returns to the state. No sectional prejudices are to be encouraged and no particular section of the state is to be looked after to the exclusion of the other parts. All the institutions of the state belong to the state as a whole and it is not the intention of the state to injure any one of its institutions, any more than a man would be inclined to injure a member of his own body. I say further that no particular party, either political or ecclesiastical, is to be served or favored in the administration of any state institutions. Both party and sect must be barred from the Agricultural college and the other public institutions of the state. I say this emphatically in the name of the people of the state and in accordance with the sentiment of the people of our great nation.

I desire here to impress upon you students an ethical principle suggested by

the fact that this institution is supported by all the citizens of the state. Because they give to the school financial and moral support, they have certain vested rights in it. Among these is the right to expect the gratitude and respect of those who are partakers of the benefits for which these citizens pay. Even though some of them may differ with some of you as to the policy of the college, they have a right to hold and to even to express their opinions without being subject to criticism at the hands of those who are receiving of their bounty.

#### PROUDLY PATRIOTISM.

Your patriotism for the institution is commendable when expressed in the right way, but it is at least probable that the patriotism of the taxpayers of the state, who are the ones who give the money to the support of the school is as great as yours. And their opinions are also worthy of consideration and should be treated with respect by you.

#### KNOW BAILEY WELL.

H. L. A. Culmer recalls climbing and naming of Grizzly Park.

Perhaps to no Salt Lake comes the news of the tragic tale of Charles A. Bailey, the noted mountain climber, with such telling force as it does to H. L. A. Culmer, the artist. Mr. Culmer knew him and saw him sorely grieved at his friend's sudden death. Speaking of him today Mr. Culmer said: "Some years ago—don't remember the exact year—an attempt was made to scale a Yosemite mountain by Mr. Bailey. I was invited by him to join him on the expedition, but I refused. I never knew as Grizzly Park, but I could not go. However, Mr. Bailey, the late Prof. LeConte, the famous geologist of the University of California, and myself attempted the climb next day and made it successfully. Arriving at the top we formally named the point in honor of the Yosemite club, 'Grizzly Point.'"

#### A GOOD MOVE.

Judge of Juvenile Court Will Find Employment for Probationers

Judge Brown of the juvenile court is endeavoring to find employment for two of the probationers of his court in order to keep them out of mischief. The boys are Tom Smith and Eugene Anderson, and he has induced the juvenile court commission to request one of the contractors now working on public improvements in the city to employ them in employment suitable to their ages. The efforts of the commission will no doubt meet with success.

#### BURGULAR SENTENCED.

Judge Lewis Extends Clemency by Making it Four Years.

Dave Wilson, a colored man, was arraigned before Judge Lewis this afternoon on the charge of burglary, and entered a plea of guilty to the same. He asked to have an attorney appointed to make a plea for him for clemency and the court appointed Attorney William Harper to appear for him. After a few minutes' consultation the attorney made a statement to the court asking for leniency. Judge Lewis then sentenced him to four years in the state prison. Wilson burglarized a store at 68 South East Temple street, May 25.

#### BURGULARS SURPRISED.

Three Nabbed While Ransacking Birmingham Junction Saloon.

Deputy Sheriff Beckstead surprised four burglars last night while they were attempting to burglarize Vincent's saloon at Birmingham Junction and succeeded in arresting three of them while in the act of breaking open a slot machine. The fourth man made his escape, but the others are now in jail at Birmingham Junction, and will have to stand trial for the same. They were caught while attempting to spend a few years in the state prison. It appears that the man who got away was the one who got the money from the slot machine. Just how much was taken is not known. The deputy is certainly entitled to great credit for his untiring and effective capture of the men alone.

#### AMUSEMENTS.

It will be a rare opportunity offered Salt Lake next Monday evening when Clarence Eddy, the greatest of the American organists, so considered the world over, performs a choice program at the Tabernacle.

Mr. Eddy has expressed a keen desire to play upon the great organ for some time and he has arranged a program which will give a joy to the classes of people. Assisting this noted artist will be Mrs. Grace Morel Dickerson, known as the contralto of the Rutgers Presbyterian church of New York City and a very fine singer.

The latter company gives the final performance of "The Gaiety Slave" to-night. The bill tomorrow night will be "Camille."

#### MORE GOOD POSITIONS.

There will be civil service examinations in this city, June 25, for the position of plant pathologist, bureau of plant industry, department of agriculture, \$3,000 per annum. The position for which this examination is held requires a man of thorough training in the study of plant pathology, with special reference to rusts. The person appointed to this position must be in good health and willing to do considerable field investigation as well as laboratory work. There will be in Salt Lake tomorrow.

#### PRIMARY ASSOCIATION CONFERENCE.

The general conference of the officers of the Primary associations of the Church of Jesus Christ of Latter-day Saints will be held in Salt Lake City on Friday, Saturday and Sunday, June 9, 10 and 11, 1905. Friday and Saturday June 9 and 10, meetings will be held at 2 p. m. in room 31, Memorial building at which time business of importance will be presented and topics of interest discussed. Sunday, June 11, a memorial service will be held at 10 a. m. in the same building. All officers, stake and local, are requested to be present at all meetings and all interested persons are invited.

LOTTIE B. FELT, General President.  
MAY ANDERSON, Secretary.

## WESTERN PACIFIC TAKES THE STAGE

Following the Special Meeting of The Rio Grande Western Here Tomorrow.

### IMPORTANT ANNOUNCEMENTS.

Are Expected to Follow the Action of The Stockholders—Changes in The Board.

At noon tomorrow occurs the special meeting of stockholders of the Rio Grande Western to consider the vote on the question of accepting the Consolidation of the State of Utah, and of constructing and acting upon certain contracts with and on behalf of the Western Pacific Railway company.

The call for the meeting is signed by E. T. Jeffery, president, and Stephen Little secretary and cashier. Among those expected to be present are Vice President Charles H. Schicks, Joel P. Valle, general counsel for the R. G. W., and Col. Cotton who will vote the stockholders' proxies for absentees.

It is confidently expected that there will be some important announcements following the meeting and that work on the question of the Western Pacific will be authorized with the result that the entire line through to San Francisco bay side will be cleaned up within two hours. The entire line through to San Francisco bay side will be cleaned up within two hours. The entire line through to San Francisco bay side will be cleaned up within two hours.

In connection with this meeting the Associated Press today has the following under a San Francisco date line: "An important meeting of the directors of the Western Pacific will be held in the city of San Francisco today. It is expected that the meeting will be held in the city of San Francisco today. It is expected that the meeting will be held in the city of San Francisco today."

#### R. G. W. TUNNEL BLOCKED.

Timbers in store at Ruby are ablaze, delaying traffic.

#### O. S. L. GOLD MEDALS.

Roadmasters Are Deputed to Compete for Glittering Baubles.

General Superintendent E. Buckingham on his return from a trip east yesterday, is now considering the proposition of awarding gold medals to the roadmasters of the Oregon Short Line system along the line in honor of the Southern Pacific. In other words, the roadmaster who has the most successful record in the award is announced, and a few days later at each of the section appears over the road sheds the legend in gold letters, "O. S. L. Gold Medal." So keen is the rivalry between the various sections that the hands never walk along the track without looking for awards to be given. The roadmaster who is awarded is entitled to consider himself a notch above the rest of the boys. The system has been in use on the Southern Pacific for some time past and works like a charm. After the general superintendent and general manager have been over the entire system, the award is made. The roadmaster who is awarded is entitled to consider himself a notch above the rest of the boys.

#### SPIKE AND RAIL.

Joseph Kelly, representing the Kansas City stock yards, arrived in Salt Lake last evening.

Charles Bean, traffic manager of the Pueblo stock yards, will be in Salt Lake tomorrow.

The Chicago & Northwestern has a new chief clerk in the person of H. Enrich, vice Mr. Armstrong, resigned.

General Agent Harding of the Colorado Midland, who is giving a special contract with the Eagle lodges of Grand Junction and Leadville to transport delegations from those cities to the annual convention in Denver by special train.

C. O. Whittemore, counsel for the Salt Lake Route and president of the Clark's Las Vegas Land & Water company, has returned from Las Vegas, after an absence of nearly a month. He reports the development at that place to be simply wonderful.

Commencing on last Saturday the Southern Pacific is running a special train every Saturday during the continuance of the Portland Fair leaving San Francisco in the evening and running to Portland via Benicia, Sacramento, Roseville and Shasta Springs.

Truckee railroad emphatically denies that the road is to be sold to the Southern Pacific, or any other company. The claim that the road is to be sold is for the purpose of discussing ways and means of certain proposed improvements.

Rock Island and Southern Pacific companies announce that it has been definitely decided to continue the Golden State limited in daily service the year round, between Chicago, St. Louis and Portland, instead of discontinuing during the summer months, as in previous years. Movement of Pacific coast travel is sufficiently great to justify the innovation.

#### TWENTIETH CENTURY LIMITED.

The Denver office of the New York Central Lines has been notified that they have decided to make the famous Twentieth Century Limited train an 18-hour train in both directions between New York and Chicago. On June 15 this train will leave New York at 3:30 p. m., arriving Chicago at 2:30 p. m., and will leave Chicago at 2:30 p. m., arriving New York at 9:30 a. m. This seems to be the best leaving and arriving time in both cities for the public. This schedule can be made by the New York Central Lines with the same ease and comfort as the present schedule of 20 hours. It has also been decided to reduce the running time of the LAKESIDE LIMITED one hour, leaving Chicago at 5:30 p. m., arriving New York at 5:30 p. m., making 23 hours. In addition to these two trains the New York Central Lines have three 24 hour trains and four slower trains. This is the best and most complete train service ever maintained between Chicago and New York.

#### AT THE RESORTS.

The employees of Z. C. M. I. are making great preparations for their annual outing which this year will be held at Salt Lake, June 14.

Today the Ten and Thirty-third wards are at Laguna. Tomorrow there is a big strawberry festival scheduled for the popular Davis county resort.

On Friday the High school cadets now in camp at Laguna prepared to give a grand ball in the big new pavilion. Invitations are extended to the old graduates of the school, and to the pupils and graduates of the eighth grade, and a most enjoyable time is assured.

#### NOTICE TO ADVERTISERS.

Owing to pressure on our columns, News advertisers are requested to hand in their advertisements for the Saturday News as early as possible to secure insertion in all editions.

Classified advertisements cannot be assured publication in all editions, and in proper classification, unless received in this office before noon on Saturdays.

#### LATE LOCALS.

The county schools are enjoying their day at Calder's park today.

The alley immediately west of the Atlas block is in process of paving.

W. C. Dunbar, the veteran, is reported seriously ill, and his eldest son, Wm. C. Dunbar, Jr., is on sent for.

State Dept. of Schools Nelson will return this afternoon from Portland, where he attended the opening of the Lewis and Clark exposition.

The local hotels are largely filled up with traveling men who have come this way to sell fall goods. They report business reasonably hopeful.

Ridgely Lodge No. 9, I. O. O. F., has voted to consolidate with Salt Lake lodge No. 1, and the latter body will vote on the proposition tomorrow night.

The last one of the Raymond tourist excursions is on route east from Salt Lake, and will reach the city tonight, 50 strong. They go to the Knutsford.

State Chemist Harris examined 24 samples of city milk picked up at random yesterday, and found every one free from preservatives and extraneous matter, and a number of samples were above the standard.

It is stated that Henry Phipps' annual income reaches \$4,000,000, so it will be seen that he has plenty of the means of war. With which to erect that great block corner on State and second south streets.

Funeral services over the remains of Mrs. Sarah Gill who died yesterday from paralysis, the age of 84 years, will be held at the Wilford ward meetinghouse, at 1:30 p. m. tomorrow. Interment in the city cemetery.

F. E. McGurran won his semi-final in the golf contest with Capt. Robt. Gemmill, with side and five to play. McGurran will play off the final next Saturday with Judge Thompson for the Country club cup and cake.

There were so few members of the Produce Exchange in attendance at yesterday's directors' meeting, that no business could be transacted, so the few present exchanged the compliments of the day and then dispersed.

Today's weather map would indicate that settled weather is about to set in, and that the cool and rainy season has passed. At Yuma and Phoenix the mercury is away up in the skies, so to speak, and registered 109 degrees at each place.

The local branch of the Swedish Brotherhood of America will celebrate the third anniversary of its organization at Laguna on Saturday, June 10, when a good program will be given. The members of the society anticipating a good time.

The state board of health is sending out over the state blank certificates of birth to the various county officials for local distribution. The back of each blank is printed information for physicians, midwives, parents and others required to report births.

County Clerk Eldredge has appointed Miss Lucetta Cooley as a deputy in his office. Miss Cooley has been a stenographer in the office during the present administration and also during Mr. James' administration, and her appointment as a deputy is a merited recognition of her efficient services.

Atten Gillespie, aged 15, an employee in the Mangle room of the Linen Supply company, allowed her right hand to be caught between the rolls of the machine last Monday afternoon. Her screams at once attracted attention, and the mangle was quickly stopped. The fingers of the girl's hand were badly crushed and lacerated, and medical attendance was quickly summoned. It was found that no amputation was necessary, and the child will recover.

## HOUSTON ATTACKS LEGALITY OF BONDS

First Suit Against City in Behalf of Real Estate Association.

### SUMMONS SERVED ON MAYOR.

Complaint Alleges Bonds are Invalid Because City Does Not Own the Entire Water System.

Mayor Morris was today served with a summons in an injunction suit filed by J. W. Houston against Salt Lake City. Mayor Morris and City Recorder Critchlow to enjoin them from issuing the special water and sewer bonds, amounting to \$1,000,000, which were authorized by the taxpayers of this city at a special election held on Jan. 3, 1905. The legality of the bond issue will be tested in the case and it is not expected that the friendly test suit which was to have been filed will be instituted now, as the points to be determined can be raised in the present action.

Mr. Houston is acting on behalf of the Salt Lake Real Estate association, which has opposed the issuance of the bonds and has threatened for some time to enjoin the proposition. The complaint has not been filed as yet but will be probably tomorrow. It is stated by Attorney Sanford, who represents the association, that there will be three points of illegality raised against the bonds.

The complaint will allege that there were 100 illegal votes cast at the election by persons who had not paid taxes for the year 1904 and hence were not qualified to vote. If these votes are thrown out it is claimed that the bonds will be declared invalid.

It will be alleged that the bonds are invalid for the reason that the city will not own the entire water system for which the money will be expended as required by the Constitution and statutes. The attorney for plaintiff claims that the city will not own the water, but will merely lease or make an exchange for it. He contends that the water is clearly a part of the proposed system which must be owned by the city.

The final ground is that the committee of the council have the scheme in hand made false pretenses to the public. He claims that the city is not the owner of the water, but is merely leasing it. He claims that the city is not the owner of the water, but is merely leasing it. He claims that the city is not the owner of the water, but is merely leasing it.

#### ESTATE OF BISHOP SHEETS.

Petitions for Letters of Guardianship Filed Today.

A petition for letters of guardianship of the estate and person of Ray Spencer sheets, a minor, has been filed in the probate division of the district court by Edwin S. Sheets, a brother of the minor, who asks to be appointed guardian. The young man is one of the heirs to the estate of his father, Eliah F. Sheets, deceased, which consists of real property valued at \$1,000,000 and personal property valued at \$100,000. The estate is about to be distributed, and the minor will receive twenty-fifth of the entire property.

Another petition concerning the same estate was also filed by Gershon B. Wells, who asks to be appointed guardian of the person of the minor. The petition was filed by Gershon B. Wells, who asks to be appointed guardian of the person of the minor. The petition was filed by Gershon B. Wells, who asks to be appointed guardian of the person of the minor.

#### Verdict for Defendant.

The jury in the case of Mary Morris against Dr. J. S. Richards, which was tried in Judge Lewis' court, has returned a verdict in favor of defendant, on cause of action. The suit was brought to recover damages for alleged malpractice. It was claimed by plaintiff that defendant in setting a broken

ankle for her, so carelessly and negligently performed the service that the ankle became permanently deformed. The case was tried once before, but the court granted a non-suit in favor of defendant. The plaintiff then filed another action, which today resulted in a verdict for defendant.

#### Judgment Reversed.

The judgment of the lower court has been reversed by the supreme court in the case of John Mitchell against Heber C. Jensen et al., doing business as the Southern Utah Mercantile & Lumber company, appellants, and the case is remanded with instructions to grant a new trial. The opinion of the supreme court was written by Justice Straup and concurred in by Chief Justice Baruch and Justice McCarty.

#### COURT NOTES.

In the federal court yesterday afternoon a restraining order was issued against the Smith Drug company, at the instance of W. A. Gaines, forever restraining the defendant company from selling any splits or liquors, or in any way advertising "Old Crow" brand of whiskey. Plaintiff was granted \$30.50 and costs of suit.

Suit for divorce has been filed in the district court by Margaret Tesman against Frank Tesman on the ground of desertion and non-support. The parties live at Park City on Feb. 27, 1905, and have two children, of whom plaintiff asks the custody.

#### PERSONALS.

Dr. and Mrs. H. E. Behle have returned from California.

Manager Tony Jacobson of the Columbus Consolidated is in Alta today.

Mrs. Fred Wey is convalescent from her four weeks' illness, and is able to sit up.

#### BUSINESS NOTES.

Today's local bank clearings show another great increase over yesterday's. The clearing of last year, the figure being \$38,247.36 as against \$39,246.49 for June 1, 1904. Today's increase is largely due to yesterday's phenomenal increase.

Col. Nelson V. Clayton and Isaac A. Clayton have bought the south of the Progress building for \$42,500 from Henry Dinwiddie, also, 22 ft. front on West First South street, east of the Washington block, for \$4,000. The purchase was for investment purposes only.

There was a meeting yesterday afternoon of the Brigham Young Trust company at the office of Colonel N. W. Clayton, when the name of the company was changed to the Clayton Investment company, and the number of directors reduced from nine to five.

The board of directors of Zion's Savings Bank and Trust company recently elected at the stockholders' meeting of that institution, met this morning and elected the following officers: Joseph P. Smith, president; Anthony H. Land, vice president; George M. Cannon, cashier and secretary of the board of directors; and Lewis M. Cannon, assistant cashier. The regular quarterly dividend of two per cent per annum to all stockholders of record June 20, 1905, was declared. The dividend is payable July 1, 1905. The stock books of the bank for transfers of stock will therefore be closed from June 19 to July 1, 1905.

The Twin Falls Waterworks company, limited, of this city today filed its articles of incorporation. Its capital stock is \$50,000 and the incorporators are E. B. Critchlow, C. O. Ellingwood, H. G. Fisher, W. J. Barrette and Frank Pierce.

#### AFTERNOON ON EXCHANGE.

This afternoon's sales on the mining exchange were:

Carina, 1,000 at 20 1/2; 500 at 20 1/2; 250 at 20 1/2; 100 at 20 1/2; 50 at 20 1/2; 25 at 20 1/2; 10 at 20 1/2; 5 at 20 1/2; 2 1/2 at 20 1/2; 1 1/4 at 20 1/2; 3/4 at 20 1/2; 1/2 at 20 1/2; 1/4 at 20 1/2; 1/8 at 20 1/2; 1/16 at 20 1/2; 1/32 at 20 1/2; 1/64 at 20 1/2; 1/128 at 20 1/2; 1/256 at 20 1/2; 1/512 at 20 1/2; 1/1024 at 20 1/2; 1/2048 at 20 1/2; 1/4096 at 20 1/2; 1/8192 at 20 1/2; 1/16384 at 20 1/2; 1/32768 at 20 1/2; 1/65536 at 20 1/2; 1/131072 at 20 1/2; 1/262144 at 20 1/2; 1/524288 at 20 1/2; 1/1048576 at 20 1/2; 1/2097152 at 20 1/2; 1/4194304 at 20 1/2; 1/8388608 at 20 1/2; 1/16777216 at 20 1/2; 1/33554432 at 20 1/2; 1/67108864 at 20 1/2; 1/134217728 at 20 1/2; 1/268435456 at 20 1/2; 1/536870912 at 20 1/2; 1/1073741824 at 20 1/2; 1/2147483648 at 20 1/2; 1/4294967296 at 20 1/2; 1/8589934592 at 20 1/2; 1/17179869184 at 20 1/2; 1/34359738368 at 20 1/2; 1/68719476736 at 20 1/2; 1/137438953472 at 20 1/2; 1/274877906944 at 20 1/2; 1/549755813888 at 20 1/2; 1/1099511627776 at 20 1/2; 1/2199023255552 at 20 1/2; 1/4398046511104 at 20 1/2; 1/8796093022208 at 20 1/2; 1/17592186044416 at 20 1/2; 1/35184372088832 at 20 1/2; 1/70368744177664 at 20 1/2; 1/140737488355328 at 20 1/2; 1/281474976710656 at 20 1/2; 1/562949953421312 at 20 1/2; 1/1125899906842624 at 20 1/2; 1/2251799813685248 at 20 1/2; 1/4503599627370496 at 20 1/2; 1/9007199254740992 at 20 1/2; 1/18014398509481984 at 20 1/2; 1/36028797018963968 at 20 1/2; 1/72057594037927936 at 20 1/2; 1/144115188075855872 at 20 1/2; 1/288230376151711744 at 20 1/2; 1/576460752303423488 at 20 1/2; 1/1152921504606846976 at 20 1/2; 1/2305843009213693952 at 20 1/2; 1/4611686018427387904 at 20 1/2; 1/9223372036854775808 at 20 1/2; 1/18446744073709551616 at 20 1/2; 1/36893488147419103232 at 20 1/2; 1/73786976294838206464 at 20 1/2; 1/147573952589676412928 at 20 1/2; 1/295147905179352825856 at 20 1/2; 1/590295810358705651712 at 20