

WORSHIP OF FOOD

The French Can Live on What Americans Waste. ART OF CHEAP LIVING IN PARIS. Ten-Cent Meals and the Bill of Fare.

RAW MATERIAL PRICES

Special Correspondence of The Evening Star. PARIS, January 15, 1895.

THE REASON WHY Parisians live so well is that food is so scarce. It makes them eat it with a certain amount of reverence, which attaches to the cult of food and drink in Paris. It is like the fetish worship of the Americans; and it attaches to the abstract thought of food, apart from its nutrition.

There is a special reason why Parisians enjoy their food. They only eat two meals. Their breakfast is at 7 o'clock, and their dinner is at 1:30. When the Parisian—no matter of what class—gets up, he swallows down a cup of coffee, which he takes with him to the office.

What do they carry in their packages, these diligent workers who work so bravely on a cup of coffee, who would rather walk to work than miss their afternoon candy, who would rather wear their smart frock than their plain dress, who appear in run-down shoes, who value violet powder more than soap and Judice?

The price of restaurant food within the reach of Paris working girls will give a rough idea of the cost of living in the semi-benevolent "liberal restaurants," an institution patronized by pious ladies, furnishes the following list of prices:

It is an improving exercise, however, to range these prices side by side with those given recently in Scribner's Magazine, to show that the Parisian girl is not so poor as the American girls' Art Club of the Rue de Chevreuse, "right in the heart of the Old Latin Quarter."

For all of Paris the breakfast hour strikes loud in their interior at 11:30. Even the luxurious feel an appetite unknown to Anglo-Saxons, glutton with the morning meal. For those who can afford it—vermouth, absinthe, amer—bring the poor girl eats, and the usual restaurants, is the "prix fixe" table d'hotel at 30 cents, with its three radishes or (one) sardines, its carafe of wine (or make

ARTIFICIAL GEMS

Scientists Have Succeeded in Making Diamonds. ALSO SEVERAL KINDS OF STONES. A Talk With Prof. Clarke of the Geological Survey.

COUNTERFEIT PEARLS

Written for The Evening Star.

BEFORE LONG diamonds of marketable size will be produced by artifice, said H. C. Clarke, the chemist of the geological survey, yesterday. "I think that the prediction is a fairly safe one. Already we know how to make them, though only very small ones. Moissan, in Paris, has manufactured diamonds by melting wrought iron together with carbon and permitting the mixture to cool slowly. Under these conditions the carbon became crystallized. Simultaneously, Kroustchoff, in St. Petersburg, has got diamond crystals by a similar process, employing silver instead of iron.

"These artificial diamonds are scarcely big enough to be seen with the naked eye, but they represent the solution of the problem of crystallizing carbon in the laboratory accomplished, may be confidently expected that crystals of greater size will soon be produced. It has been argued that in the laboratory the processes of nature can only be imitated on a contemptible scale; but you must remember that crystals of carbon need not be very big in order to possess value as jewelry. The chemists have already succeeded in making very large crystals of a great variety of substances, some of them weighing as much as

"It is easy to find out what any kind of precious stone is made of by the ordinary processes of analysis. The problem, then, merely to take the synthetic method, to crystallize and put them together in the proper crystalline form, imitating the methods of nature. How are diamonds formed in the earth? Nobody knows with certainty, but a shrewd guess at it has been made. The greatest existing diamond field is in South Africa. There is a large tract of crystalline limestone in the earth seems to have burst out through a surface layer of shale, the latter being very rich in carbon. Slow cooling and gradual pressure are supposed to have done it, as in the experiments of Moissan and Kroustchoff.

"Rubies are now made by artifice. They are just as handsome as genuine ones, and if it comes to that, it can hardly be said that they are not genuine, inasmuch as they are of the same material. The only difficulty in the way of their manufacture for market is that people do not want them, regarding them as counterfeit. On that account jewelers will not sell them. Each week eight students leave the laboratory. The process most commonly employed in the manufacture of rubies is to get with the use of a small crucible, which is cheap enough, a variety of synthetic rubies. This work with rubies and sapphires has been done by Frey and Fell, in Paris.

"The moonstone is a variety of feldspar. Fouque and Levy have reproduced feldspars by artificial means, but they have not yet made any possessing the peculiar optical properties of the moonstone. These properties are due to the internal crystalline structure of the gem. It is the same with the opal, which is a variety of hydrated silica, but the peculiar optical properties of the precious stone have not been imitated with success. The 'fire' of the opal is due to the interruption of light by the thin layers of which it is composed.

"Chemists have known for a long time how to make pearls. A crystallized transparent substance, such as calcium carbonate, produces pearls, though imperfectly. Half a dozen closely related minerals yield pearls, or at least pearls which are not so good as those from the oyster. These are not big enough or fine enough to have commercial value. I have little doubt, however, the difficulties in the way of producing pearls by artificial means are suitable processes on a large scale with big apparatus."

"In Paris artificial pearls are now made by a new process. Beads are cut from real mother-of-pearl shells, and these are coated with silver, which gives them almost the same specific gravity as natural pearls. The silver lends a luster somewhat like that of a real pearl. The familiar counterfeits known as Roman pearls are made of glass, but they are not so good as those obtained from fish scales. It is to this substance that the scales of some fishes owe their iridescence.

"Silver rarely found pure. Professor Phillips of Albany, Pa., has recently succeeded in obtaining very pure silver by artifice. Hitherto silver wire has been known only in nature, and all attempts to reproduce it in the laboratory have failed. In nature the most beautiful of white metals is found native and pure in only one form—that is—in the shape of what is known as wire silver. The latter is so called because of its peculiar appearance, somewhat resembling a wire tangled together. It is commonly known as 'luster silver.' Often it is a luster silver. Considerable masses of it are sometimes discovered, the minerals with which it is originally associated having been dissolved out and washed away by water. Frequently such chunks have been termed nuggets, but there is no such thing as a real nugget of silver. Silver is exceedingly ready to combine with many other elements, such as arsenic and sulphur. Most commonly, however, it is associated with the latter, taking the form of a 'sulphide.' Its affinity for sulphur is illustrated by the fact that it quickly becomes tarnished when it is placed in a room with the contents of an overstate egg, the decomposition of which sets free sulphuretted hydrogen. Lead has the same property of dissolving silver. A combination of these two metals forms the most extraordinarily rich ores of Creede, Col., which were thrown up by volcanic action many centuries ago. Owing to its affinity for other metals, silver differs remarkably from gold in that it is rarely found native or pure. Nowhere else in the world is it discovered so frequently in this condition as along the eastern flank of the Rocky mountains. How it is formed is a matter of great interest. A suggestion on this point may be offered by Prof. Phillips' successful experiments. He makes silver artificial-

PRESIDENT'S HORSES

Recent Additions to the White House Stable. TWO FAST STEPPERS FROM KENTUCKY. The Equipages in Use by the President and Family.

ABOUT THE STABLE

Written for The Evening Star.

THE PAIR OF young thoroughbreds which Mr. Cleveland a few weeks ago ordered from Kentucky have arrived at the White House stables. They are noticeably small, each measuring only fifteen hands, one five inches higher than the other. The pair are both in color and shape that they could not be told apart, except that the left hind foot of one is adorned with a white covering, which he wears with a certain pride into the world. According to the coachman, they have taken three first premiums at Kentucky state fairs, and are of the most aristocratic blue-gray lineage. They are both geldings. In fact, every occupant of the presidential stables is a gelding, including the government steeds and Mr. Thurber's private horses. The list of the newcomers has a record of three minutes to the pole, which is considerably better than the record of the White House stock have been known to travel.

"But their attendant says that Mr. Cleveland has not yet had a chance to test them, except when it rains, and then, he says, they are like a pair of smart out of the wet." When asked whether he thought the pair were better than the ones used by the President or Mrs. Cleveland, the same authority replied that he was sure "for general use," the same authority replied that he was sure "for general use," the same authority replied that he was sure "for general use."

"The Ladies Are the Most Profitable Customers at the Gaming Tables." From the London Telegraph. "The English, the Americans and the French are probably the most remunerative patrons of Monte Carlo; and it is to Switzerland, and not to the frontier of Italy, that the vast majority of pleasure-seekers repair in summer. Again, at the very period of the year when English and French visit the Riviera, the London season is at its height, and the parliamentary session has as yet shown no sign of waning. The Atlantic steamships are bringing to Europe every week shoals of American tourists; but our transatlantic visitors usually pass the summer in London or Paris, or at English or French watering places, and do not come to the Riviera until they have reached the end of their journey down south.

"The Favorite Horses." At the beginning of the present administration Mr. Cleveland brought with him from New York five horses, two blood bays and three light bays. Three of these, one blood and two light, are reserved for the executive carriage, or what is called the "coach of state," one of the latter being driven as a substitute. The remaining blood and light bays are known to the veterans who serve in the White House as "John," "John," and "John."

"A Beautiful Teetotum." Cut a match in half; sharpen one end a little. Cut a thin slice crosswise from a card or cork, and slip the match through the middle of it, pointed end first. Cut out a circle of card board four times as large as the cork, and draw two lines at right angles across the disk. That will leave it divided into four quarters and these quarters are to be painted blue, yellow, green and red. Bore a hole in the center of the disk and slip the blunt end of the match through it until the card board rests upon the cork. Next cut another, but rather thicker slice from the cork, bore a hole in the center of it, and slip it through the match through, pressing it down till it touches the card. This will leave about an inch of match to be taken between finger and thumb, and the teetotum is a beautiful toy.

"Nursery Croquet." Next, for the mallets hunt about in the cork box for four small ones of even size. The one that is the most like a new silver nickel, if they have not been stained by drugs. These, if a nice shape, need no cutting at all. Matches will serve as handles for these mallets, and a band of cork must be painted around each so that players may distinguish their own mallets. Some nice large old sugar-coated pills would make beautiful balls for this nursery croquet, with a strip of paper, one, two, three, four, five, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty, twenty-one, twenty-two, twenty-three, twenty-four, twenty-five, twenty-six, twenty-seven, twenty-eight, twenty-nine, thirty, thirty-one, thirty-two, thirty-three, thirty-four, thirty-five, thirty-six, thirty-seven, thirty-eight, thirty-nine, forty, forty-one, forty-two, forty-three, forty-four, forty-five, forty-six, forty-seven, forty-eight, forty-nine, fifty, fifty-one, fifty-two, fifty-three, fifty-four, fifty-five, fifty-six, fifty-seven, fifty-eight, fifty-nine, sixty, sixty-one, sixty-two, sixty-three, sixty-four, sixty-five, sixty-six, sixty-seven, sixty-eight, sixty-nine, seventy, seventy-one, seventy-two, seventy-three, seventy-four, seventy-five, seventy-six, seventy-seven, seventy-eight, seventy-nine, eighty, eighty-one, eighty-two, eighty-three, eighty-four, eighty-five, eighty-six, eighty-seven, eighty-eight, eighty-nine, ninety, ninety-one, ninety-two, ninety-three, ninety-four, ninety-five, ninety-six, ninety-seven, ninety-eight, ninety-nine, one hundred, one hundred and one, one hundred and two, one hundred and three, one hundred and four, one hundred and five, one hundred and six, one hundred and seven, one hundred and eight, one hundred and nine, one hundred and ten, one hundred and eleven, one hundred and twelve, one hundred and thirteen, one hundred and fourteen, one hundred and fifteen, one hundred and sixteen, one hundred and seventeen, one hundred and eighteen, one hundred and nineteen, one hundred and twenty, one hundred and twenty-one, one hundred and twenty-two, one hundred and twenty-three, one hundred and twenty-four, one hundred and twenty-five, one hundred and twenty-six, one hundred and twenty-seven, one hundred and twenty-eight, one hundred and twenty-nine, one hundred and thirty, one hundred and thirty-one, one hundred and thirty-two, one hundred and thirty-three, one hundred and thirty-four, one hundred and thirty-five, one hundred and thirty-six, one hundred and thirty-seven, one hundred and thirty-eight, one hundred and thirty-nine, one hundred and forty, one hundred and forty-one, one hundred and forty-two, one hundred and forty-three, one hundred and forty-four, one hundred and forty-five, one hundred and forty-six, one hundred and forty-seven, one hundred and forty-eight, one hundred and forty-nine, one hundred and fifty, one hundred and fifty-one, one hundred and fifty-two, one hundred and fifty-three, one hundred and fifty-four, one hundred and fifty-five, one hundred and fifty-six, one hundred and fifty-seven, one hundred and fifty-eight, one hundred and fifty-nine, one hundred and sixty, one hundred and sixty-one, one hundred and sixty-two, one hundred and sixty-three, one hundred and sixty-four, one hundred and sixty-five, one hundred and sixty-six, one hundred and sixty-seven, one hundred and sixty-eight, one hundred and sixty-nine, one hundred and seventy, one hundred and seventy-one, one hundred and seventy-two, one hundred and seventy-three, one hundred and seventy-four, one hundred and seventy-five, one hundred and seventy-six, one hundred and seventy-seven, one hundred and seventy-eight, one hundred and seventy-nine, one hundred and eighty, one hundred and eighty-one, one hundred and eighty-two, one hundred and eighty-three, one hundred and eighty-four, one hundred and eighty-five, one hundred and eighty-six, one hundred and eighty-seven, one hundred and eighty-eight, one hundred and eighty-nine, one hundred and ninety, one hundred and ninety-one, one hundred and ninety-two, one hundred and ninety-three, one hundred and ninety-four, one hundred and ninety-five, one hundred and ninety-six, one hundred and ninety-seven, one hundred and ninety-eight, one hundred and ninety-nine, two hundred, two hundred and one, two hundred and two, two hundred and three, two hundred and four, two hundred and five, two hundred and six, two hundred and seven, two hundred and eight, two hundred and nine, two hundred and ten, two hundred and eleven, two hundred and twelve, two hundred and thirteen, two hundred and fourteen, two hundred and fifteen, two hundred and sixteen, two hundred and seventeen, two hundred and eighteen, two hundred and nineteen, two hundred and twenty, two hundred and twenty-one, two hundred and twenty-two, two hundred and twenty-three, two hundred and twenty-four, two hundred and twenty-five, two hundred and twenty-six, two hundred and twenty-seven, two hundred and twenty-eight, two hundred and twenty-nine, two hundred and thirty, two hundred and thirty-one, two hundred and thirty-two, two hundred and thirty-three, two hundred and thirty-four, two hundred and thirty-five, two hundred and thirty-six, two hundred and thirty-seven, two hundred and thirty-eight, two hundred and thirty-nine, two hundred and forty, two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, two hundred and forty-four, two hundred and forty-five, two hundred and forty-six, two hundred and forty-seven, two hundred and forty-eight, two hundred and forty-nine, two hundred and fifty, two hundred and fifty-one, two hundred and fifty-two, two hundred and fifty-three, two hundred and fifty-four, two hundred and fifty-five, two hundred and fifty-six, two hundred and fifty-seven, two hundred and fifty-eight, two hundred and fifty-nine, two hundred and sixty, two hundred and sixty-one, two hundred and sixty-two, two hundred and sixty-three, two hundred and sixty-four, two hundred and sixty-five, two hundred and sixty-six, two hundred and sixty-seven, two hundred and sixty-eight, two hundred and sixty-nine, two hundred and seventy, two hundred and seventy-one, two hundred and seventy-two, two hundred and seventy-three, two hundred and seventy-four, two hundred and seventy-five, two hundred and seventy-six, two hundred and seventy-seven, two hundred and seventy-eight, two hundred and seventy-nine, two hundred and eighty, two hundred and eighty-one, two hundred and eighty-two, two hundred and eighty-three, two hundred and eighty-four, two hundred and eighty-five, two hundred and eighty-six, two hundred and eighty-seven, two hundred and eighty-eight, two hundred and eighty-nine, two hundred and ninety, two hundred and ninety-one, two hundred and ninety-two, two hundred and ninety-three, two hundred and ninety-four, two hundred and ninety-five, two hundred and ninety-six, two hundred and ninety-seven, two hundred and ninety-eight, two hundred and ninety-nine, three hundred, three hundred and one, three hundred and two, three hundred and three, three hundred and four, three hundred and five, three hundred and six, three hundred and seven, three hundred and eight, three hundred and nine, three hundred and ten, three hundred and eleven, three hundred and twelve, three hundred and thirteen, three hundred and fourteen, three hundred and fifteen, three hundred and sixteen, three hundred and seventeen, three hundred and eighteen, three hundred and nineteen, three hundred and twenty, three hundred and twenty-one, three hundred and twenty-two, three hundred and twenty-three, three hundred and twenty-four, three hundred and twenty-five, three hundred and twenty-six, three hundred and twenty-seven, three hundred and twenty-eight, three hundred and twenty-nine, three hundred and thirty, three hundred and thirty-one, three hundred and thirty-two, three hundred and thirty-three, three hundred and thirty-four, three hundred and thirty-five, three hundred and thirty-six, three hundred and thirty-seven, three hundred and thirty-eight, three hundred and thirty-nine, three hundred and forty, three hundred and forty-one, three hundred and forty-two, three hundred and forty-three, three hundred and forty-four, three hundred and forty-five, three hundred and forty-six, three hundred and forty-seven, three hundred and forty-eight, three hundred and forty-nine, three hundred and fifty, three hundred and fifty-one, three hundred and fifty-two, three hundred and fifty-three, three hundred and fifty-four, three hundred and fifty-five, three hundred and fifty-six, three hundred and fifty-seven, three hundred and fifty-eight, three hundred and fifty-nine, three hundred and sixty, three hundred and sixty-one, three hundred and sixty-two, three hundred and sixty-three, three hundred and sixty-four, three hundred and sixty-five, three hundred and sixty-six, three hundred and sixty-seven, three hundred and sixty-eight, three hundred and sixty-nine, three hundred and seventy, three hundred and seventy-one, three hundred and seventy-two, three hundred and seventy-three, three hundred and seventy-four, three hundred and seventy-five, three hundred and seventy-six, three hundred and seventy-seven, three hundred and seventy-eight, three hundred and seventy-nine, three hundred and eighty, three hundred and eighty-one, three hundred and eighty-two, three hundred and eighty-three, three hundred and eighty-four, three hundred and eighty-five, three hundred and eighty-six, three hundred and eighty-seven, three hundred and eighty-eight, three hundred and eighty-nine, three hundred and ninety, three hundred and ninety-one, three hundred and ninety-two, three hundred and ninety-three, three hundred and ninety-four, three hundred and ninety-five, three hundred and ninety-six, three hundred and ninety-seven, three hundred and ninety-eight, three hundred and ninety-nine, four hundred, four hundred and one, four hundred and two, four hundred and three, four hundred and four, four hundred and five, four hundred and six, four hundred and seven, four hundred and eight, four hundred and nine, four hundred and ten, four hundred and eleven, four hundred and twelve, four hundred and thirteen, four hundred and fourteen, four hundred and fifteen, four hundred and sixteen, four hundred and seventeen, four hundred and eighteen, four hundred and nineteen, four hundred and twenty, four hundred and twenty-one, four hundred and twenty-two, four hundred and twenty-three, four hundred and twenty-four, four hundred and twenty-five, four hundred and twenty-six, four hundred and twenty-seven, four hundred and twenty-eight, four hundred and twenty-nine, four hundred and thirty, four hundred and thirty-one, four hundred and thirty-two, four hundred and thirty-three, four hundred and thirty-four, four hundred and thirty-five, four hundred and thirty-six, four hundred and thirty-seven, four hundred and thirty-eight, four hundred and thirty-nine, four hundred and forty, four hundred and forty-one, four hundred and forty-two, four hundred and forty-three, four hundred and forty-four, four hundred and forty-five, four hundred and forty-six, four hundred and forty-seven, four hundred and forty-eight, four hundred and forty-nine, four hundred and fifty, four hundred and fifty-one, four hundred and fifty-two, four hundred and fifty-three, four hundred and fifty-four, four hundred and fifty-five, four hundred and fifty-six, four hundred and fifty-seven, four hundred and fifty-eight, four hundred and fifty-nine, four hundred and sixty, four hundred and sixty-one, four hundred and sixty-two, four hundred and sixty-three, four hundred and sixty-four, four hundred and sixty-five, four hundred and sixty-six, four hundred and sixty-seven, four hundred and sixty-eight, four hundred and sixty-nine, four hundred and seventy, four hundred and seventy-one, four hundred and seventy-two, four hundred and seventy-three, four hundred and seventy-four, four hundred and seventy-five, four hundred and seventy-six, four hundred and seventy-seven, four hundred and seventy-eight, four hundred and seventy-nine, four hundred and eighty, four hundred and eighty-one, four hundred and eighty-two, four hundred and eighty-three, four hundred and eighty-four, four hundred and eighty-five, four hundred and eighty-six, four hundred and eighty-seven, four hundred and eighty-eight, four hundred and eighty-nine, four hundred and ninety, four hundred and ninety-one, four hundred and ninety-two, four hundred and ninety-three, four hundred and ninety-four, four hundred and ninety-five, four hundred and ninety-six, four hundred and ninety-seven, four hundred and ninety-eight, four hundred and ninety-nine, five hundred, five hundred and one, five hundred and two, five hundred and three, five hundred and four, five hundred and five, five hundred and six, five hundred and seven, five hundred and eight, five hundred and nine, five hundred and ten, five hundred and eleven, five hundred and twelve, five hundred and thirteen, five hundred and fourteen, five hundred and fifteen, five hundred and sixteen, five hundred and seventeen, five hundred and eighteen, five hundred and nineteen, five hundred and twenty, five hundred and twenty-one, five hundred and twenty-two, five hundred and twenty-three, five hundred and twenty-four, five hundred and twenty-five, five hundred and twenty-six, five hundred and twenty-seven, five hundred and twenty-eight, five hundred and twenty-nine, five hundred and thirty, five hundred and thirty-one, five hundred and thirty-two, five hundred and thirty-three, five hundred and thirty-four, five hundred and thirty-five, five hundred and thirty-six, five hundred and thirty-seven, five hundred and thirty-eight, five hundred and thirty-nine, five hundred and forty, five hundred and forty-one, five hundred and forty-two, five hundred and forty-three, five hundred and forty-four, five hundred and forty-five, five hundred and forty-six, five hundred and forty-seven, five hundred and forty-eight, five hundred and forty-nine, five hundred and fifty, five hundred and fifty-one, five hundred and fifty-two, five hundred and fifty-three, five hundred and fifty-four, five hundred and fifty-five, five hundred and fifty-six, five hundred and fifty-seven, five hundred and fifty-eight, five hundred and fifty-nine, five hundred and sixty, five hundred and sixty-one, five hundred and sixty-two, five hundred and sixty-three, five hundred and sixty-four, five hundred and sixty-five, five hundred and sixty-six, five hundred and sixty-seven, five hundred and sixty-eight, five hundred and sixty-nine, five hundred and seventy, five hundred and seventy-one, five hundred and seventy-two, five hundred and seventy-three, five hundred and seventy-four, five hundred and seventy-five, five hundred and seventy-six, five hundred and seventy-seven, five hundred and seventy-eight, five hundred and seventy-nine, five hundred and eighty, five hundred and eighty-one, five hundred and eighty-two, five hundred and eighty-three, five hundred and eighty-four, five hundred and eighty-five, five hundred and eighty-six, five hundred and eighty-seven, five hundred and eighty-eight, five hundred and eighty-nine, five hundred and ninety, five hundred and ninety-one, five hundred and ninety-two, five hundred and ninety-three, five hundred and ninety-four, five hundred and ninety-five, five hundred and ninety-six, five hundred and ninety-seven, five hundred and ninety-eight, five hundred and ninety-nine, six hundred, six hundred and one, six hundred and two, six hundred and three, six hundred and four, six hundred and five, six hundred and six, six hundred and seven, six hundred and eight, six hundred and nine, six hundred and ten, six hundred and eleven, six hundred and twelve, six hundred and thirteen, six hundred and fourteen, six hundred and fifteen, six hundred and sixteen, six hundred and seventeen, six hundred and eighteen, six hundred and nineteen, six hundred and twenty, six hundred and twenty-one, six hundred and twenty-two, six hundred and twenty-three, six hundred and twenty-four, six hundred and twenty-five, six hundred and twenty-six, six hundred and twenty-seven, six hundred and twenty-eight, six hundred and twenty-nine, six hundred and thirty, six hundred and thirty-one, six hundred and thirty-two, six hundred and thirty-three, six hundred and thirty-four, six hundred and thirty-five, six hundred and thirty-six, six hundred and thirty-seven, six hundred and thirty-eight, six hundred and thirty-nine, six hundred and forty, six hundred and forty-one, six hundred and forty-two, six hundred and forty-three, six hundred and forty-four, six hundred and forty-five, six hundred and forty-six, six hundred and forty-seven, six hundred and forty-eight, six hundred and forty-nine, six hundred and fifty, six hundred and fifty-one, six hundred and fifty-two, six hundred and fifty-three, six hundred and fifty-four, six hundred and fifty-five, six hundred and fifty-six, six hundred and fifty-seven, six hundred and fifty-eight, six hundred and fifty-nine, six hundred and sixty, six hundred and sixty-one, six hundred and sixty-two, six hundred and sixty-three, six hundred and sixty-four, six hundred and sixty-five, six hundred and sixty-six, six hundred and sixty-seven, six hundred and sixty-eight, six hundred and sixty-nine, six hundred and seventy, six hundred and seventy-one, six hundred and seventy-two, six hundred and seventy-three, six hundred and seventy-four, six hundred and seventy-five, six hundred and seventy-six, six hundred and seventy-seven, six hundred and seventy-eight, six hundred and seventy-nine, six hundred and eighty, six hundred and eighty-one, six hundred and eighty-two, six hundred and eighty-three, six hundred and eighty-four, six hundred and eighty-five, six hundred and eighty-six, six hundred and eighty-seven, six hundred and eighty-eight, six hundred and eighty-nine, six hundred and ninety, six hundred and ninety-one, six hundred and ninety-two, six hundred and ninety-three, six hundred and ninety-four, six hundred and ninety-five, six hundred and ninety-six, six hundred and ninety-seven, six hundred and ninety-eight, six hundred and ninety-nine, seven hundred, seven hundred and one, seven hundred and two, seven hundred and three, seven hundred and four, seven hundred and five, seven hundred and six, seven hundred and seven, seven hundred and eight, seven hundred and nine, seven hundred and ten, seven hundred and eleven, seven hundred and twelve, seven hundred and thirteen, seven hundred and fourteen, seven hundred and fifteen, seven hundred and sixteen, seven hundred and seventeen, seven hundred and eighteen, seven hundred and nineteen, seven hundred and twenty, seven hundred and twenty-one, seven hundred and twenty-two, seven hundred and twenty-three, seven hundred and twenty-four, seven hundred and twenty-five, seven hundred and twenty-six, seven hundred and twenty-seven, seven hundred and twenty-eight, seven hundred and twenty-nine, seven hundred and thirty, seven hundred and thirty-one, seven hundred and thirty-two, seven hundred and thirty-three, seven hundred and thirty-four, seven hundred and thirty-five, seven hundred and thirty-six, seven hundred and thirty-seven, seven hundred and thirty-eight, seven hundred and thirty-nine, seven hundred and forty, seven hundred and forty-one, seven hundred and forty-two, seven hundred and forty-three, seven hundred and forty-four, seven hundred and forty-five, seven hundred and forty-six, seven hundred and forty-seven, seven hundred and forty-eight, seven hundred and forty-nine, seven hundred and fifty, seven hundred and fifty-one, seven hundred and fifty-two, seven hundred and fifty-three, seven hundred and fifty-four, seven hundred and fifty-five, seven hundred and fifty-six, seven hundred and fifty-seven, seven hundred and fifty-eight, seven hundred and fifty-nine, seven hundred and sixty, seven hundred and sixty-one, seven hundred and sixty-two, seven hundred and sixty-three, seven hundred and sixty-four, seven hundred and sixty-five, seven hundred and sixty-six, seven hundred and sixty-seven, seven hundred and sixty-eight, seven hundred and sixty-nine, seven hundred and seventy, seven hundred and seventy-one, seven hundred and seventy-two, seven hundred and seventy-three, seven hundred and seventy-four, seven hundred and seventy-five, seven hundred and seventy-six, seven hundred and seventy-seven, seven hundred and seventy-eight, seven hundred and seventy-nine, seven hundred and eighty, seven hundred and eighty-one, seven hundred and eighty-two, seven hundred and eighty-three, seven hundred and eighty-four, seven hundred and eighty-five, seven hundred and eighty-six, seven hundred and eighty-seven, seven hundred and eighty-eight, seven hundred and eighty-nine, seven hundred and ninety, seven hundred and ninety-one, seven hundred and ninety-two, seven hundred and ninety-three, seven hundred and ninety-four, seven hundred and ninety-five, seven hundred and ninety-six, seven hundred and ninety-seven, seven hundred and ninety-eight, seven hundred and ninety-nine, eight hundred, eight hundred and one, eight hundred and two, eight hundred and three, eight hundred and four, eight hundred and five, eight hundred and six, eight hundred and seven, eight hundred and eight, eight hundred and nine, eight hundred and ten, eight hundred and eleven, eight hundred and twelve, eight hundred and thirteen, eight hundred and fourteen, eight hundred and fifteen, eight hundred and sixteen, eight hundred and seventeen, eight hundred and eighteen, eight hundred and nineteen, eight hundred and twenty, eight hundred and twenty-one, eight hundred and twenty-two, eight hundred and twenty-three, eight hundred and twenty-four, eight hundred and twenty-five, eight hundred and twenty-six, eight hundred and twenty-seven, eight hundred and twenty-eight, eight hundred and twenty-nine, eight hundred and thirty, eight hundred and thirty-one, eight hundred and thirty-two, eight hundred and thirty-three, eight hundred and thirty-four, eight hundred and thirty-five, eight hundred and thirty-six, eight hundred and thirty-seven, eight hundred and thirty-eight, eight hundred and thirty-nine, eight hundred and forty, eight hundred and forty-one, eight hundred and forty-two, eight hundred and forty-three, eight hundred and forty-four, eight hundred and forty-five, eight hundred and forty-six, eight hundred and forty-seven, eight hundred and forty-eight, eight hundred and forty-nine, eight hundred and fifty, eight hundred and fifty-one, eight hundred and fifty-two, eight hundred and fifty-three, eight hundred and fifty-four, eight hundred and fifty-five, eight hundred and fifty-six, eight hundred and fifty-seven, eight hundred and fifty-eight, eight hundred and fifty-nine, eight hundred and sixty, eight hundred and sixty-one, eight hundred and sixty-two, eight hundred and sixty-three, eight hundred and sixty-four, eight hundred and sixty-five, eight hundred and sixty-six, eight hundred and sixty-seven, eight hundred and sixty-eight, eight hundred and sixty-nine, eight hundred and seventy, eight hundred and seventy-one, eight hundred and seventy-two, eight hundred and seventy-three, eight hundred and seventy-four, eight hundred and seventy-five, eight hundred and seventy-six, eight hundred and seventy-seven, eight hundred and seventy-eight, eight hundred and seventy-nine, eight hundred and eighty, eight hundred and eighty-one, eight hundred and eighty-two, eight hundred and eighty-three, eight hundred and eighty-four, eight hundred and eighty-five, eight hundred and eighty-six, eight hundred and eighty-seven, eight hundred and eighty-eight, eight hundred and eighty-nine, eight hundred and ninety, eight hundred and ninety-one, eight hundred and ninety-two, eight hundred and ninety-three, eight hundred and ninety-four, eight hundred and ninety-five, eight hundred and ninety-six, eight hundred and ninety-seven, eight hundred and ninety-eight, eight hundred and ninety-nine, nine hundred, nine hundred and one, nine hundred and two, nine hundred and three, nine hundred and four, nine hundred and five, nine hundred and six, nine hundred and seven, nine hundred and eight, nine hundred and nine, nine hundred and ten, nine hundred and eleven, nine hundred and twelve, nine hundred and thirteen, nine hundred and fourteen, nine hundred and fifteen, nine hundred and sixteen, nine hundred and seventeen, nine hundred and eighteen, nine hundred and nineteen, nine hundred and twenty, nine hundred and twenty-one, nine hundred and twenty-two, nine hundred and twenty-three, nine hundred and twenty-four, nine hundred and twenty-five, nine hundred and twenty-six, nine hundred and twenty-seven, nine hundred and twenty-eight, nine hundred and twenty-nine, nine hundred and thirty, nine hundred and thirty-one, nine hundred and thirty-two, nine hundred and thirty-three, nine hundred and thirty-four, nine hundred and thirty-five, nine hundred and thirty-six, nine hundred and thirty-seven, nine hundred and thirty-eight, nine hundred and thirty-nine, nine hundred and forty, nine hundred and forty-one, nine hundred and forty-two, nine hundred and forty-three, nine hundred and forty-four, nine hundred and forty-five, nine hundred and forty-six, nine hundred and forty-seven, nine hundred and forty-eight, nine hundred and forty-nine, nine hundred and fifty, nine hundred and fifty-one, nine hundred and fifty-two, nine hundred and fifty-three, nine hundred and fifty-four, nine hundred and fifty-five, nine hundred and fifty-six, nine hundred and fifty-seven, nine hundred and fifty-eight, nine hundred and fifty-nine, nine hundred and sixty, nine hundred and sixty-one, nine hundred and sixty-two, nine hundred and sixty-three, nine hundred and sixty-four, nine hundred and sixty-five, nine hundred and sixty-six, nine hundred and sixty-seven, nine hundred and sixty-eight, nine hundred and sixty-nine, nine hundred and seventy, nine hundred and seventy-one, nine hundred and seventy-two, nine hundred and seventy-three, nine hundred and seventy-four, nine hundred and seventy-five, nine hundred and seventy-six, nine hundred and seventy-seven, nine hundred and seventy-eight, nine hundred and seventy-nine, nine hundred and eighty, nine hundred and eighty-one, nine hundred and eighty-two, nine hundred and eighty-three, nine hundred and eighty-four, nine hundred and eighty-five, nine hundred and eighty-six, nine hundred and eighty-seven, nine hundred and eighty-eight, nine hundred and eighty-nine, nine hundred and ninety, nine hundred and ninety-one, nine hundred and ninety-two, nine hundred and ninety-three, nine hundred and ninety-four, nine hundred and ninety-five, nine hundred and ninety-six, nine hundred and ninety-seven, nine hundred and ninety-eight, nine hundred and ninety-nine, one thousand, one thousand and one, one thousand and two, one thousand and three, one thousand and four, one thousand and five, one thousand and six, one thousand and seven, one thousand and eight, one thousand and nine, one thousand and ten, one thousand and eleven, one thousand and twelve, one thousand and thirteen, one thousand and fourteen, one thousand and fifteen, one thousand and sixteen, one thousand and seventeen, one thousand and eighteen, one thousand and nineteen, one thousand and twenty, one thousand and twenty-one, one thousand and twenty-two, one thousand and twenty-three, one thousand and twenty-four, one thousand and twenty-five, one thousand and twenty-six, one thousand and twenty-seven, one thousand and twenty-eight, one thousand and twenty-nine, one thousand and thirty, one thousand and thirty-one, one thousand and thirty-two, one thousand and thirty-three, one thousand and thirty-four, one thousand and thirty-five, one thousand and thirty-six, one thousand and thirty-seven, one thousand and thirty-eight, one thousand and thirty-nine, one thousand and forty, one thousand and forty-one, one thousand and forty-two, one thousand and forty-three, one thousand and forty-four, one thousand and forty-five, one thousand and forty-six, one thousand and forty-seven, one thousand and forty-eight, one thousand and forty-nine, one thousand and fifty, one thousand and fifty-one, one thousand and fifty-two, one thousand and fifty-three, one thousand and fifty-four, one thousand and fifty-five, one thousand and fifty-six, one thousand and fifty-seven, one thousand and fifty-eight, one thousand and fifty-nine, one thousand and sixty, one thousand and sixty-one, one thousand and sixty-two, one thousand and sixty-three, one thousand and sixty-four, one thousand and sixty-five, one thousand and sixty-six, one thousand and sixty-seven, one thousand and sixty-eight, one thousand and sixty-nine, one thousand and seventy, one thousand and seventy-one, one thousand and seventy-two, one thousand and seventy-three, one thousand and seventy-four, one thousand and seventy-five, one thousand and seventy-six, one thousand and seventy-seven, one thousand and seventy-eight, one thousand and seventy-nine, one thousand and eighty, one thousand and eighty-one, one thousand and eighty-two, one thousand and eighty-three, one thousand and eighty-four, one thousand and eighty-five, one thousand and eighty-six, one thousand and eighty-seven, one thousand and eighty-eight, one thousand and eighty-nine, one thousand and ninety, one thousand and ninety-one, one thousand and ninety-two, one thousand and ninety-three, one thousand and ninety-four, one thousand and ninety-five, one thousand and ninety-six, one thousand and ninety-seven, one thousand and ninety-eight, one thousand and ninety-nine, two thousand, two thousand and one, two thousand and two, two thousand and three, two thousand and four, two thousand and five, two thousand and six, two thousand and seven, two thousand and eight, two thousand and nine, two thousand and ten, two thousand and eleven, two thousand and twelve, two thousand and thirteen, two thousand and fourteen, two thousand and fifteen, two thousand and sixteen, two thousand and seventeen, two thousand and eighteen, two thousand and nineteen, two thousand and twenty, two thousand and twenty-one, two thousand and twenty-two, two thousand and twenty-three, two thousand and twenty-four, two thousand and twenty-five, two thousand and twenty-six, two thousand and twenty-seven, two thousand and twenty-eight, two thousand and twenty-nine, two thousand and thirty, two thousand and thirty-one, two thousand and thirty-two, two thousand and thirty-three, two thousand and thirty-four, two thousand and thirty-five, two thousand and thirty-six, two thousand and thirty-seven, two thousand and thirty-eight, two thousand and thirty-nine, two thousand and forty, two thousand and forty-one, two thousand and forty-two, two thousand and forty-three, two thousand and forty-four, two thousand and forty-five, two thousand and forty-six, two thousand and forty-seven, two thousand and forty-eight, two thousand and forty-nine, two thousand and fifty, two thousand and fifty-one, two thousand and fifty-two, two thousand and fifty-three, two thousand and fifty-four, two thousand and fifty-five, two thousand and fifty-six, two thousand and fifty-seven, two thousand and fifty-eight, two thousand and fifty-nine, two thousand and sixty, two thousand and sixty-one, two thousand and sixty-two, two thousand and sixty-three, two thousand and sixty-four, two thousand and sixty-five, two thousand and sixty-six, two thousand and sixty-seven, two thousand and sixty-eight, two thousand and sixty-nine, two thousand and seventy, two thousand and seventy-one, two thousand and seventy-two, two thousand and seventy-three, two thousand and seventy-four, two thousand and seventy-five, two thousand and seventy-six, two thousand and seventy-seven, two thousand and seventy-eight, two thousand and seventy-nine, two thousand and eighty, two thousand and eighty-one, two thousand and eighty-two, two thousand and eighty-three, two thousand and eighty-four, two thousand and eighty-five, two thousand and eighty-six, two thousand and eighty-seven, two thousand and eighty-eight, two thousand and eighty-nine, two thousand and ninety, two thousand and ninety-one, two thousand and ninety-two, two thousand and ninety-three, two thousand and ninety-four, two thousand and ninety-five, two thousand and ninety-six, two thousand and ninety-seven, two thousand and ninety-eight, two thousand and ninety-nine, three thousand, three thousand and one, three thousand and two, three thousand and three, three thousand and four, three thousand and five, three thousand and six, three thousand and seven, three thousand and eight, three thousand and nine, three thousand and ten, three thousand and eleven, three thousand and twelve, three thousand and thirteen, three thousand and fourteen, three thousand and fifteen, three thousand and sixteen, three thousand and seventeen, three thousand and eighteen, three thousand and nineteen, three thousand and twenty, three thousand and twenty-one, three thousand and twenty-two, three thousand and twenty-three, three thousand and twenty-four, three thousand and twenty-five, three thousand and twenty-six, three thousand and twenty-seven, three thousand and twenty-eight, three thousand and twenty-nine, three thousand and thirty, three thousand and thirty-one, three thousand and thirty-two, three thousand and thirty-three, three thousand and thirty-four, three thousand and thirty-five, three thousand and thirty-six, three thousand and thirty-seven, three thousand and thirty-eight, three thousand and thirty-nine, three thousand and forty, three thousand and forty-one, three thousand and forty-two, three thousand and forty-three, three thousand and forty-four, three thousand and forty-five, three thousand and forty-six, three thousand and forty-seven, three thousand and forty-eight, three thousand and forty-nine, three thousand and fifty, three thousand and fifty-one, three thousand and fifty-two, three thousand and fifty-three, three thousand and fifty-four, three thousand and fifty-five, three thousand and fifty-six, three thousand and fifty-seven, three thousand and fifty-eight, three thousand and fifty-nine, three thousand and sixty, three thousand and sixty-one, three thousand and sixty-two, three thousand and sixty-three, three thousand and sixty-four, three thousand and sixty-five, three thousand and sixty-six, three thousand and sixty-seven, three thousand and sixty-eight, three thousand and sixty-nine, three thousand and seventy, three thousand and seventy-one, three thousand and seventy-two, three thousand and seventy-three, three thousand and seventy-four, three thousand and seventy-five, three thousand and seventy-six, three thousand and seventy-seven, three thousand and seventy-eight, three thousand and seventy-nine, three thousand and eighty, three thousand and eighty-one, three thousand and eighty-two, three thousand and eighty-three, three thousand and eighty-four, three thousand and eighty-five, three thousand and eighty-six, three thousand and eighty-seven, three thousand and eighty-eight, three thousand and eighty-nine, three thousand and ninety, three thousand and ninety-one, three thousand and ninety-two, three thousand and ninety-three, three thousand and ninety-four, three thousand and ninety-five, three thousand and ninety-six, three thousand and ninety-seven, three thousand and ninety-eight, three thousand and ninety-nine, four thousand, four thousand and one, four thousand and two, four thousand and three, four thousand and four, four thousand and five, four thousand and six, four thousand and seven, four thousand and eight, four thousand and nine, four thousand and ten, four thousand and eleven, four thousand and twelve, four thousand and thirteen, four thousand and fourteen, four thousand and fifteen, four thousand and sixteen, four thousand and seventeen, four thousand and eighteen, four thousand and nineteen, four thousand and twenty, four thousand and twenty-one, four thousand and twenty-two, four thousand and twenty-three, four thousand and twenty-four, four thousand and twenty-five, four thousand and twenty-six, four thousand and twenty-seven, four thousand and twenty-eight, four thousand and twenty-nine, four thousand and thirty, four thousand and thirty-one, four thousand and thirty-two, four thousand and thirty-three, four thousand and thirty-four, four thousand and thirty-five, four thousand and thirty-six, four thousand and thirty-seven, four thousand and thirty-eight, four thousand and thirty-nine, four thousand and forty, four thousand and forty-one, four thousand and forty-two, four thousand and forty-three, four thousand and forty-four, four thousand and forty-five, four thousand and forty-six, four thousand and forty-seven, four thousand and forty-eight, four thousand and forty-nine, four thousand and fifty, four thousand and fifty-one, four thousand and fifty-two, four thousand and fifty-three, four thousand and fifty-four, four thousand and fifty-five, four thousand and fifty-six, four thousand and fifty-seven, four thousand and fifty-eight, four thousand and fifty-nine, four thousand and sixty, four thousand and sixty-one, four thousand and sixty-two, four thousand and sixty-three, four thousand and sixty-four, four thousand and sixty-five, four thousand and sixty-six, four thousand and sixty-seven, four thousand and sixty-eight, four thousand and sixty-nine, four thousand and seventy, four thousand and seventy-one, four thousand and seventy-two, four thousand and seventy-three, four thousand and seventy-four, four thousand and seventy-five, four thousand and seventy-six, four thousand and seventy-seven, four thousand and seventy-eight, four thousand and seventy-nine, four thousand and eighty, four thousand and eighty-one, four thousand and eighty-two, four thousand and eighty-three, four thousand and eighty-four, four thousand and eighty-five, four thousand and eighty-six, four thousand and eighty-seven, four thousand and eighty-eight, four thousand and eighty-nine, four thousand and ninety, four thousand and ninety-one, four thousand and ninety-two, four thousand and ninety-three, four thousand and ninety-four, four thousand and ninety-five, four thousand and ninety-six, four thousand and ninety-seven, four thousand and ninety-eight, four thousand and ninety-nine, five thousand, five thousand and one, five thousand and two, five thousand and three, five thousand and four, five thousand and five, five thousand and six, five thousand and seven, five thousand and eight, five thousand and nine, five thousand and ten, five thousand and eleven, five thousand and twelve, five thousand and thirteen, five thousand and fourteen, five thousand and fifteen, five thousand and sixteen, five thousand and seventeen, five thousand and eighteen, five thousand and nineteen, five thousand and twenty, five thousand and twenty-one, five thousand and twenty-two, five thousand and twenty-three, five thousand and twenty-four, five thousand and twenty-five, five thousand and twenty-six, five thousand and twenty-seven, five thousand and twenty-eight, five thousand and twenty-nine, five thousand and thirty, five thousand and thirty-one, five thousand and thirty-two, five thousand and thirty-three, five thousand and thirty-four, five thousand and thirty-five, five thousand and thirty-six, five thousand and thirty-seven, five thousand and thirty-eight, five thousand and thirty-nine, five thousand and forty, five thousand and forty-one, five thousand and forty-two, five thousand and forty-three, five thousand and forty-four, five thousand and forty-five, five thousand and forty-six, five thousand and forty-seven, five thousand and forty-eight, five thousand and forty-nine, five thousand and fifty, five thousand and fifty-one, five thousand and fifty-two, five thousand and fifty-three, five thousand and fifty-four, five thousand and fifty-five, five thousand and fifty-six, five thousand and fifty-seven, five thousand and fifty-eight, five thousand and fifty-nine, five thousand and sixty, five thousand and sixty-one, five thousand and sixty-two, five thousand and sixty-three, five thousand and sixty-four, five thousand and sixty-five, five thousand and sixty-six, five thousand and sixty-seven, five thousand and sixty-eight, five thousand and sixty-nine, five thousand and seventy, five thousand and seventy-one, five thousand and seventy-two, five thousand and seventy-three, five thousand and seventy-four, five thousand and seventy-five, five thousand and seventy-six, five thousand and seventy-seven, five thousand and seventy-eight, five thousand and seventy-nine, five thousand and eighty, five thousand and eighty-one, five thousand and eighty-two, five thousand and eighty-three, five thousand and eighty-four, five thousand and eighty-five, five thousand and eighty-six, five thousand and eighty-seven, five thousand and eighty-eight, five thousand and eighty-nine, five thousand and ninety, five thousand and ninety-one, five thousand and ninety-two, five thousand and ninety-three, five thousand and ninety-four, five thousand and ninety-five, five thousand and ninety-six, five thousand and ninety-seven, five thousand and ninety-eight, five thousand and ninety-nine, six thousand, six thousand and one, six thousand and two, six thousand and three, six thousand and four, six thousand and five, six thousand and six, six thousand and seven, six thousand and eight, six thousand and nine, six thousand and ten, six thousand and eleven, six thousand and twelve, six thousand and thirteen, six thousand and fourteen, six thousand and fifteen, six thousand and sixteen, six thousand and seventeen, six thousand and eighteen, six thousand and nineteen, six thousand and twenty, six thousand and twenty-one, six thousand and twenty-two, six thousand and twenty-three, six thousand and twenty-four, six thousand and twenty-five, six thousand and twenty-six, six thousand and twenty-seven, six thousand and twenty-eight, six thousand and twenty-nine, six thousand and thirty, six thousand and thirty-one, six thousand and thirty-two, six thousand and thirty-three, six thousand and thirty-four, six thousand and thirty-five, six thousand and thirty-six, six thousand and thirty-seven, six thousand and thirty-eight, six thousand and thirty-nine, six thousand and forty, six thousand and forty-one, six thousand and forty-two, six thousand and forty-three, six thousand and forty-four, six thousand and forty-five, six thousand and forty-six, six thousand and forty-seven, six thousand and forty-eight, six thousand and forty-nine, six thousand and fifty, six thousand and fifty-one, six thousand and fifty-two, six thousand and fifty-three, six thousand and fifty-four, six thousand and fifty-five, six thousand and fifty-six, six thousand and fifty-seven, six thousand and fifty-eight, six thousand and fifty-nine, six thousand and sixty, six thousand and sixty-one, six thousand and sixty-two, six thousand and sixty-three, six thousand and sixty-four, six thousand and sixty-five, six thousand and sixty-six, six thousand and sixty-seven, six thousand and