## mense Brass Brain

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'Figures Out the Tides
In a room of the United States Coast
and Geodetic Survey building at Washington is a great machine with answers to the name "Great Brass
Brain." His function is to predict
tides with the utmost canciness at
any place in the world, or to tell the
state of the tides at any moment in
the past.

the past.

This robot is a marvel of wheels and pulleys. Tides rise and fall with mathematical exactness, but there are a large number of forces acting upon them, such as the moon, the motion of the earth, and many other things. The machine takes into account 37 of these factors in its mechanical calculations.

of these factors in its meaning a called on a called purpose is to help in setting time schedules for ship movements, but it is also useful to the historian.

For instance, the delay of the Britshampper of the Britshamper of the Britsh

### Vest Water Resources

Vast Water Resources

in Black Hills Region

One of the most productive waterbearing formations of the northern interior of the United States is what is
known as the Dakota standstone,
which crops out about the flanks of
the Black hills in southwestern South
Dakota. The formation extends eastward and northeastward to the borders of Iowa and Minnesota.

As the sandstone slopes a way from
the Black hills, the water percolates
northeastward and eastward through
the prosus rock and underneath a
dense covering of thick 'clay shale.

Beneath the James river valley it
is under considerable pressure, and
where the surface altitude is not too
great, strong ratesian flows have been
obtained. In fact, the artesian wells
are among the greatest natural resources of that area.

However, so many wells have been
driven, the supply shows signs of having been taxed about to the limit, and
the force of many of the wells has
fallen considerably below the original
pressure.

## Monarch Before His Birth

Monarch Before His Birth bolds the record for the carliest age at which a hing has been crowned. He was crowned about two months before he was born. His father, the reigning king, died at that time, and an uncle, finding the throne vacant, organized a usurpation. The queen, anxious for the succession of her son, proclaimed a coronation ceremony and had her unborn child crowned in her own person. Such was the veneration of the people for the dynasty that the eremony was effective in forestalling the uncle's usurpation. The child proved to be a boy and ruled as King Sapor.

Birthplace of Telephone
Among the many things for which
Boston is famous is that it was the
brittplace of the telephone. It was
on the afternoon of June 2, 1873, that
Prof. Alexander Graham Bell and his
associate. Thomas A. Watson, were
working in two carret rooms over the
electrical shop of Charles Williams at 100 Court street, Boston, and there
discovered the principle of the telephone. More than nine months later
Professor Bell received from the Unitelectrical States on March 7, 1876, a patent
No. 174405, and thus established the
existence of the Belt telephone. This
has often been called the most valuable patent to mankind ever Issued.

Under the Stone

"Passing through a village in western India," writes a lady missionary,
followed by a friendly crowd, we
stopped at a small wayside attar, the
god being represented by four flat
stones decorated with red paint,
we said, There is no god here. These
are only stones! "Oh, said a man,
the god is underneath." We promptly lifted one of the stones to discover
heneath it three large, hibernating
frogs, whereenon a great laugh went
up from the crowd, in which we all
joined."

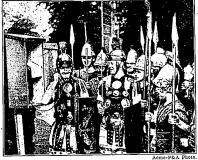
stopped at a small wasside after, the peop of being represented by four flat stones descented with red paint. The people of the

Consolation for Fat Folks

Many people in middle age and heyond are the worst and most serious
offenders in the fad of reducing. Nature intentionally, with most folks,
adds wolght with years. The layer of
fat that becomes most noticeable over
the stometh is furnished for additional warmth and protection to vital
organs, and to compensate for the fact
that with age the body generates less
warmth. A little fat, at forty, is no
sign of physical degeneration.—American Magnaine.

1892

"Volo Romam IX VIII VII VI ... Ave, Caesar"



Grammatical Dispute
The term, "more perfect," is condemned by some grammarians, but
every adjective of this kind that
means an absolute degree becomes
gradually weakened to force in colloquial use and a secondary meaning
is developed. In that sease adjectives
of this kind may be compared. More
and most perfect have been employed
by some of the greatest English
writers,

Country's Smallest Tree
The Alpine willow, which does
exceed six inches in height, is
smallest tree in the United States.

Classical City Names
Marcellus, Illon, Rome, Carthage,
Utica and Syracuse are some of the
classical names drawn from classic
names and places fathered upon New
York cities.

Your Telephone

in numbers. Today sueep is numbers. Today sueep is no of Australia's principal industries. One of the most important uses of work in the manufacture of the first in the manufacture of hats, clothing, floor coverings, planes and for many other purposes. The pad on the base of the telephone instrument is made from a special grade of woven felt. Although it plays no direct part in the transmission of the voice, this felt contributes importantly to the comfort, convenience and economy of telephone service.

No Escape

An explorer tells of certain South
Sea Islanders who sit and moan for
about an hour after a meal. We had
no idea they had after-dinner speakers out there.—London Humorist.

Uncle Eben "A man dat ain' got no cares ner-troubles," said Uncie Eben, "won't be satisfied to let well enough alone. He'll go an' git hisse'f a dog."—Washington

Few Now "Lost"
In these days of radio, teletype and
telegraph it is difficult for a person to
get "lost," the chances being about 10
to 1 against complete disappearance.

May Contentment Chase Away All Gloom and Despair And Leave Instead Kind Thoughts , Happiness, Sunshine and Good Cheer Making Your

## Christmas Merry

and your

## New Year Happy

—and we mean it-every word May we here thank you for your 1931 patronage and the pleasure of serving you in 1932.

Lee Hardware Co. Phone 62



# MERRY CHRISTMA

SEARCH as one may for other words, it is pretty hard to beat that old, familiar

greeting, "MERRY CHRISTMAS"

greeting, inhabit of the greatest privileges that are granted us. We hope that when you awake on Christmas morning, you will have the pleasure of enjoying with your family or other true friends, one of the happiest days of your life.

Warner Dairy

\* FARMINGTON

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