

## ARTICULATION.

PRIMITIVES-t in m r l jgsoft, k f p s Correlatives-d
th 1, 2, 3. 4. $5,6,4,8,9,0$,
$\mathbf{2 d} .-\mathbf{a}, \mathbf{e}, \mathbf{i}, \mathbf{0}, \mathbf{u}, \mathbf{w}, \mathbf{y}, \mathbf{h}$, have no value in figures.
$3 \mathrm{~d}-\mathrm{x}$ equals two articulations, viz: $\mathrm{k}, \mathrm{s} \rightarrow 7 \mathrm{o}$.
4th.- When two identical letters come together one only is of value, thus: matter-m, $\mathrm{t}, \mathrm{r}$, or 314 .

5th.-s after an apostrophe is null, thus : John's cap-6279.
6th. $-s$ in the third person, singular of verbs is null, thus: time flies- 1385 ,

EXCEPTIONS TO THE GENERAL RULE.
7 th. - The syllable ing, ong, ung, eng, is 7 , thus : singing - 077 . 8th.-tion, sion, at the end of words, is 6, mission- 36 .
9th. - N. B. Translate all words by the SOUND of the word.

| sauce | 00 | him home | 33 |  | cage |
| :--- | :--- | :--- | :--- | :--- | :--- |
| seas | 0 | homage | 36 |  | 76 |
| seize | 00 | muge | 37 | keg | 72 |
| ice house | 00 | rare | 44 | gain | 72 |
| cease | 00 | error | 44 | queen | 72 |
| tight | 11 | rage | 46 | fife | 88 |
| taught | 11 | lily | 55 | five | 88 |
| thought | 11 | loyal | 55 | pipe | 99 |
| deed | 11 | judge | 66 | pew boy 99 |  |
| tidy | 11 | jug | 67 | night | 21 |
| nun | 22 | John | 62 | bright | 941 |
| noon | 29 | shin | 62 | laugh | 58 |
| nunnery | 224 | chin | 62 | phthisic | 107 |
| mummy | 33 | cook | 77 | haughty | 1 |

A. C.

12 Christ disputeth with the doctors and lawyers, finding them as ignorant as

HEATHEN.
26 John the Baptist began his ministry during a
NEW AGE.

31 Christ's sermon on the mount is recorded in
MATTHEW.
32 Jesus took five loaves and two fishes, and fed five thousand MEN.
33 After the crucifixion and resurrection of Christ, his father called

HIM HOME.
36 St. Paul, converted to Christianity, paid the Saviour much
HOMAGE.
50 St. Paul preached in the Areopagus, at Athens, which was not a

HOLY HOUSE.
66 the martyrdom of Peter and Paul at Rome, by the decision of an unjust

JUDGE.

## Ancient Chronology.

B. C.

2059 The Assyrian Empire founded by men who
NOW SLEEP.
1493 Cadmus founded Thebes, and introduced letters into
Greece, to be used in writing a
TRUE POEM.
872 Iron money, made by Lycurgus, was a
HEAVY COIN.
869 Weights and measures invented, could weigh a
HEAVY SHIP.
715 Earthen vessels first made by the Romans in the form of a KETTLE.
594 The laws of Solon were the result of much
LABOR.
485. Xerxes began to reign in Persia without a

RIVAL.
480. Xerxes invaded Greece with $2,000,000$ men, who found rather hard SERVICE,
401 During the retreat of 10,000 Greeks they found little
REST.
400. Death of Socrates ; he sleeps as quietly as if on beds of ROSES. 264. First Punic war did to the Carthegenians much INJURY. 218 Second Punic War was carried into Italy, to the astonishmont of every

NATIVE.
146 Third and last Punic war was an
OUTRAGE.

## Middle Age Chronology.

A. C.
D) 49 London founded by the Romans, now the largest city in EUROPE.
© 64 Nero set Rome on fire, which could not be extinguished by a SHOWER. 79 Jerusalem taken by Titus, cutting down the houses with an AXE.
O 78 . When Herculaneum and Pompeii were destroyed the people could not

ESCAPE.
67 Josephus, the Jewish historian was a
JEW and WHIG.
() 325 Christianity became the religion of the Roman Empire making

MEN HOLY.
496 Clovis, first king of France converted to Chiristianity before any other king of EUROPE or ASIA.
0597 Christianity introduced in Britian by St. Augustine, who carried there a HOLY BOOK.
768 When Charlemagne began his reign in France he was a GAY CHIEF
8go Alfred the great divided England, and composed his code of laws, that he might have
0991 Arabic figures introduced in Europe by the Saracens, and taught to many a

BIPED.

## Modern Chronology.

1057 Macduff, of Scotland, killed Macbeth to gratify his
DISLIKE.
-1099.- Jerusalem taken by the Crusaders, under Godfrey, who was once a man and

TWICE a $\mathrm{B}+\mathrm{A} \mathrm{BY}$.
X 1306 Robert Bruce, elected King of Scotland, delivered his ME $\stackrel{\text { SAGE. }}{ }$
1517 Reformation in Germany, began by Luther, gave rise to a DEAL of TALK.
1539 Bible first printed in English gave light like a moral LAMP.
0-1640 Long Parliament assembled, seating themselves in
CHAIRS. Q 1653 Do. dissolved by Cromwell, each one going to his JOLLY HOME.

1792 La Fayctte confined in a prison at Olmut2, about the size of a

CABIN.
01797 La Fayette liberated from prison, to save the trouble of
ESCAPING.
-1798 Bonaparte's expedition to Egypt, feeding his army on
THICK BEEF.
1799 Do. installed first Consul, without assistance of
DUKE or POPE.
1800 Do. crossed the Alps, when they well nigh froze their FACES.
Q 1804 Bonaparte crowned Emperor of France, was a distinguished OFFICER.
O-1810 Bonaparte divorced from Josephine, and married Maria Louisa," ever after had hard
FATES.
-1812 Bonaparte entered Moscow : did not have to
FIGHT ANY.
Q ${ }^{1815}$ Do. defeated at Warterloo, was to him FATAL.
1807 Do. instituted the Legion of Honor, determinet on his project

DIFFUSING.
1821 Napoleon's death was a sad
EVENT.
1840 Do. remains brought from St. Helena, much celebrated in

VERSE.

- 1806 The abolition of the Slave Trade in England put a stop to their

HEAVY USAGE
1815 Marshal Ney shot by a decision that was
FATAL.
1832 Poland subdued by Russia, being crushed by war
FAMINE.
O 1840 Queen Victoria married Prince Albert, after refusing many other

OFFERS.

- 1837 Queen commenced her reign enjoying much

FAME-GAY.

- 1840 Canton taken by the English, by

FORCE.
1847 During the famine in Ireland and Scotland the people were worn down with

## American Chronology.

1001 The American Continent discovered by the Northmen, who built A HUT by the SEA SIDE.
1521 Mexico conquered by the Spaniards under Cortez, to obtain their.

LAND.
1569 Printing introduced in Mexico ; printing presses taken there in a TALL SHIP. 1607 Jamestown. Va., first settled, the place of the colonist's own CHOSING.
1700 Yale College founded, for various good
CAUSES.
1752 Identity of lightning with electricity discovered by Frankling while in a Pennsylvania

COLONY.
1755 Braddock's defeat at Port du Quesne: Indians fought and endeavored to

KILL ALL.
1774 Continental Congress first met at Philadelphia; advised King George to TAKE CARE.
O 1773 Tea destroyed at Boston was called a
WHIG GAME.
01780 Arnold's treason and death of Andre; the foe took the traitor, and we

TOOK the FOES
1783 Peace with Great Britian-independence acknowledged: also New York City evacuated by the British troops : all could GO OFF HOME.
1791 Washington city founded; has since been
OCCUPIED.
1800 Seat of Government removed from Philadelphia by vote of many VOICES.
1808 Slave trade abolished in the United States, Congress following the

ADVICE of FEW.
1804 Ifailton killed in a duel by Burr, causing much
HEAVY SORROW.
1815 General Jackson defeated the British at New Orleans, in a battle to them very FATAL.
1816 American Bible Society founded in a
DEVOUT AGE.
1825 Eric Canal completed ; brought to its
FINALE.
01832 Cholera broke out in New York, showing pestilence to be worse than

FAMINE.

1835 Texas declared independent, being determined no longer to remain in the Mexican FAMILY.
1846 The United States declare war with Mexico: the army collecting provisions and. FORAGE.
1752 Bibles first printed in America, in a Massachusetts
COLONY.

## Modern Discoveries, Inventions and Improvements.

1025 Musical notes, by Guido Artino, were notes that musicians did

TWICE ANNUL.
0 $\quad \checkmark 200$ Chimneys were first used in England in
STONE HOUSES.
O -7269 Mariner's compass first known in England to guide the path of a NEW SHIP.

- -3369 Bible first translated by Wickliffe, who made a correct translation from the TIME of JOB.
1441 Printing, invented by Faust, Ger., is certainly a
TRUE ART.
1509 Gardening introduced into England furnished work for many a LAZY BOY.
1560 Tobacco introduced into England was thought to be very
DELICIOUS.
1770 Lightning rods, by Franklin, received the homage of
KINGS.
1562 Newspapers first published in Europe : at Venice were read by the

LEGION.
0. 1564 Coaches first made in England looked like a

TALL CHAIR.
-1582 New style created by Pope Gregory XIII, by setting forward the days to

ELEVEN.
$0_{0}^{-1417}$. Paper made of linen rags is much used in
WRITING.
1464 Post-office, first established in England, has conveyed many a TREASURE.
1791 First Railroads in England are extensively
COPIED.

- 1601 Tea first indroduced into Europe from China in a

TEA CHEST.

1720 Tea first introduced into the United States, much used in
TEA CANS.
01792 Telegraph first invented in France, and applied by the Abbe Chappe ; could write faster than a THICK PEN.
O 1525 Turkeys introduced into England from America were fatter than a

LEAN OWL.
-1704 First newspaper established in the United States (Boston) made every Yankee a good

GUESSER.
1844 Mnemotechny, first taught in the U. S., will soon be known EVERYWHERE.
$\$ 846$ La Verrier's planet discovered by La Verrier on creation's VERGE.
O 1847 Baby jumpers invented, that the babies may jump like a
FROG.
1362 When law pleading was changed from French to English lawyers used the DEMIJOHN.
01572 Fans, muffs, false hair brought from England, that ladies might dress in the STYLE of the QUEEN.
0-1603 Theatres first established in England, by Shakespeare brought him a

HUGE SUM.
-1619 Circulation of the blood, discovered by Harvey, gave
JOY DEEP.

O 1340 Cannons first made by the French
TIME of WAR.
1485 Cape of Good Hope discovered while sailing on a
DEAR VOYAGE.
-1705 .Steam engines manufactured ; do now
EXCEL.
$\checkmark 667$ Electricity discovered : in a good machine will never fail to ISSUE a SHOCK.
-1781 The planet Uranus discovered, has been to modern science a heavenly

GIFT.

## American Chronology.

1612 Pocahontas, Indian princess, married Rolfe, at the AGE of EIGHTEEN.
01614 New York City founded by the Dutch, and recorded by a DUTCH AUTHOR.
1638 The foundation of Harvard University was a
HUGE MOVE.

1775 The taking of Ticonderoga, by Col. Eathan Allen was done QUICKLY.
1775 Paper currency first established in the U. S., the army and people

TAKING ALL.
1776 The British troops, in taking New York,
TOOK the CASH.
${ }_{17} 83$ New York City evacuated by the British troops, after they had created for themselves no enviable FAME.
1783 Gen . Washington takes leave of his officers, have established for himself, justly, great

FAME.
1790 Circumnavigation first performed by a U. S. ship doubling many CAPES.
1791 United States Bank instituted, where much money was KEPT.
1819 Steamer first crossing the Atlantic, braving the
HEAVY DEEP.
1811 Steamboats first navigated the Mississippi and Ohio rivers, running against a HEAVY TIDE.
1814 Washington City, capitol, \&c, burned by the English,
taught the barbarians a lesson for the FUTURE.,

## Specific Gravities--Distilled Water Being 1.

A Gold Watch is worth more than a
19.258 GoLD.

TWO-PENNY LOAF,
Plate of Tin is often dug out of
20.560 Platina.

NICE LEDGES.
The God of Mercury makes his followers
13.598 Mercury.

TAMELY BEHAVE.
Silver Dollars are earned by every
10.474 Shiver WOOD HOUSE WORKER.

Alcohol is found in every
.792 Alcohol.
A Hydra in the Grass is not as large as a
.o69 Hydrogen Gas, (Air as 1.) SEA SHIP.
Steam Engine cannot be built by a
. 624 Steam.
(do.)
JOINER.
An $O x$ in the Grass is seldom
I. 104 OXYGEN GAs. (do.) TEDIOUS or WEARY.

## FAncient Battles.

A Merry Son likes the company of soldiers and
490 MARATHON.
WAR BOYS.
362 MANTINEA.
M Farce is often acted under a
48 Pharsalia.
Actors sometimes act their plays in a
31 ActiUm.

## American Battles.

Princes usually live in

- O1,03,77 Princeton.

Brandy and Wine are not good drinks for a
-9,11,77 Brandywine.
Lake Erié carries many a
-9,10,13 LaKE ERIE.
A little canor takes many a
II,07, 11 Tippecanoe.
At New Orleans the
OI,O\$,15 NEW ORLEANS. HOSTS FOUGHT WELL.
Puny Visitors, or little children are well
$2,22,47$ Buena Vista. KNOWN in NEW YORK.
Weary Crews may be able to
$3,29,47$ VERA CRUZ. MAN a BARK.
Mexico was taken by General Scott, or
9.14,47 Mexico.

BEAT by a WARRIOR WHIG.
Deaths and Ages of a Few Eminent Men.
A Baron dresses in
FINERY MUCH.
A Cook is often employed to
1779-51 COOK.
COOK for a PILOT.
A Franklin Stove is often filled with a
$1790-84$ Franklin. COPIOUS FIRE.
A Maiden does not dress as plain as a
1674-66 Minton. SHAKER JUDGE.
Naples is the residence of many a
21-52 Napoleon.
VAIN ITALIAN.
A nete town has in it many a
-1727-85 Newton. CONIC HOVEL.

Rollin's History, when published, made a
GREAT FUSS.
A Shaking Spear would not frighten a

## Sentiment of Flowers.

The Magnolia Tree, by its grandeur, creates a Magnolia.

LOVE OF NATURE. A psalm sung in a family circle shows a pleasing state of Balm.

SOCIAL INTERCOURSE.
A Birch Tree is noted for its
Birch Tree.
GRACEFULNESS.
A camp of roses would be a good resting place for
CAmpion Rose. LOVE'S MESSENGER.
A dandy is a sort of lion, who is sometimes caught in the snares
Dandelion. of
COQUETRY.
Everlasting is the love of those friends who are
Everlasting. ALWAYS REMEMBERING.
Forget-me-not repeated by friends in parting, who feel for each
Forget-me-not. other TRUE LOVE.
Cleopatra was distinguished for personal and
Clematis. mental beauty. Cypress Moss dresses the southern forest in a garb of Cypress.

MOURNING.
Old Hickory has his name encircled in Hickory.

GLORY.
Notes are used in Oats.

MUSIC.
The Olive Branch that Noah's dove brought to the ark was a OLive. token of

PEACE.
The Wine of the Grape is often the cause of Wild Grape.

MIRTH.
A nice gallant would please a young lady better than an
ice Plant.
An Orchard would not make a good promenade for aOrchis.
BELLE.The Star of Bethlehem, like a lamp of truth, guides many toStar of Bethlehem.
RECONCILIATION.
Remarkable Battles.
A battle field is a place where chere is many a 1485 Bosworth Field. ..... RIFLE.
A great bell. in ringing, says 1717 Belgrade. DING DONG.
A funny boy admires every pretty
1745 Fontenoy. GIRL.
A loaded bridge is sometimes made of 1796 Lodi's Bridge. THICK BEECH.
I800 Marengo. WAVES of the SEA.
Navarino bonnels were formerly worn in the 1827 Navarino.

                EVENING.
    
    A traviler often journeys on a
    1805 Trafalgar.

                                    VESSEL.
    The Battle of Waterloo was terribly 1815 Waterioo. ..... FATAL.
Latitudes and Longitudes.
A good hope was produced in Noah's ark S.by the MERRY DOVE.N . W.The Rock of Gibraltar isMUCH of a HILL.I owe a city respect that establishes a N. W.42-91 Iowa City.REIGN of PIETY.
Londoners often walk in a
52 LONDON.
LANE.Panama hats are brought by aN W.
41-74 New York.SEA BOY from CUBA.Tie Citadel of Quebec is protected by aROCK and GATE.
N . ..... W.A ROYAL SHORE.

## St. Peter enjoyed the confidence of the N. E.

 6o-30 St. Petersburgh. JOYOUS MESSIAh. Gen. Washington in battle, could defeat a N. W. 39-77 Washington. MOB or KING.
## Populations.

12 The World has a large proportion of
HEATHEN.
The Arabs have boen a Mahommedan nation for a long
13 Arabia.
TIME.
Austrians are as stubborn as a
35 Austria.
MULE.
France, as a people, are a congenial
40 France.
RACE.
The Russians are fond of the fur
79 RUSSIA.
The Italians are besieged by many an
23 Italy.
The Continent of Europe contains vast 300 Europe.

The Asiatics are essentially
620 AsiA. CHINESE.
Oceanica has acquired a great
23 Oceanica.
NAME.
Americans are often unlucky in their
60 America.
The Mexicans found in the U. S. a
8 Mexico.
Swiss land presents a beautiful
2 Switzerland.
The United States are on a rapid
40 United States.
CAPE.
ENEMY.
MASSES. CHOICE.

FOE.
SCENE.
RISE.

## American Battles.

Queer Buck, in running can
9,13.59 QUEBEC. BEAT a MILL BOY. At a Training, in Europe, you can see an
$12,25,76$ TRENTON. ATHENIAN on a LOW COACH. Banishment would be a sufficient punishment for the
8,16,17 Bennington.
FOE of a DUTCH KING. A German, when hungry, likes a
10,04.77 Germantown.
TEA SAUCER and a COOK. Nezw York is a town where
10,19,81 YORkTOWN
AUDACITY is PUFFED.
A Bridge affords a passage across
7,25,14 Bridgewater.
CANAL WATER.

## Length of Rivers.

Amasonians are as brave as4,000 Amazon.Cutumbia river runs faster than the1,100 Columbia.Missouri River travels far to find
4,300 Missouri.The Ohio River is never
1,400 OHIO.

HEROES.
TIDE.
SEA ROOM.
DRY.

- A royal Grandee not 1,900 Rio Grande. DEEP.The River St, Laiurence is a vast place to carry2,0no St. Lawrence.The River Thames is not as large as the200 Thames.


## Height of Mountains.

Mount Etna is a good place to make a 10,900 Mount EtNa.
HOT SOUP.
A Dowoager often wears on her head
26,500 DHAWALAGHIRE. A NEW JEWEL..
Ghimneys are usually warm in the 21,400 Cilimborazo.
WINTER.
The Cedars of Lebanon grow in the
10,000 LEBANON WOODS by the SEA,
Mount Vesuvius is larger than a camel's
3.900 Vesuvius. HUMP.
A Mountain for Wastington would be an appropriate
$6,400 \mathrm{Mi}$. Washington.
CHAIR.
28,000 Mt. Kinchin Junga presented a 29,000 MT. Everet presented

NEW FACE. NEW BASE.

## Height of Waterfalls.

A Rustling Cascade is seen
2,400 Cerisolit. NEAR the SWISS.The Falls of Niagara are the work of the great
164 Niagara Falls. TEACHER.The Genesee falls not into the
96 Genesee Falles. ..... WABASH.

## Height of Towers.

The Leaning Tower of Pisa is larger than the
190 Leaning Tower of Pisa.
TOP of a HOUSE.

The Pyramids of Egypt have on them the figure heads of 520 Pyramids of Egypt. LIONS.
Solomon's Temple had curious
210 Temple of SoLomon.
WINDOWS.
St. Paul's Church is larger than a 370 ST. PAUL'S CHURCH.

St. Peter's Church is attended by many a 518 St. Peter's Church (Rome).

MUG HOUSE.
LADY WIFE.
The Babel Tower was erected by disaffected
680 Tower of Babel.
CHIEFS.
The Walls of Babylon extended many
350 Walis of Babylon.
MILES.
The Trinity Church of New York has acquired
283 Trinity Church.
A NEW FAME

## Distances From the Sun in Miles.

Mercury, the patron of merchants and travellers resembles 37 Mercurv. not a MOHAWK.
Venus, the Godidess of love and beauty, arose from the foam 69 Vesta. of the sea like a SHIP.
The Earth is round like a
95 EARTH.
BALL.
Mars, the god of war, viewed with delight the battle of
145 MARS.
WATERLOO.
Vesta, the goddess of the fireside and the social hearth, is 225 VENUS.

NOW KNOWN.
Yuno, the goddess of power and compire, was never
SEEN in EUROPE.
Ceres, the govldess of corn and harvest, gives
264 Ceres.
NEW CHEER.
Pallas or Minerva, the goddess of sivisdom, never inflicts an 264 Palcas.

INJURY.
Fupiter, the god of thunder, is never seen in
296 JUPITER.
EUROPE or ASIA.
Saturn, the god of time, is as industrious as
909 SATURN. A BUSY BEE.
Herschel, the asfrowomer, was more industrious than a
1,828 Herschel.
THIEF or KNAVE.
Le Verrier, the disconcrer of this planet, observed it was of 3,750 NEPTUNE, or Le Verrier's planet. the SAME CLASS.

## Velocities.

192,001 Light is at the head of those elements which are of (miles sec.)
DEEP NECESSITY.
313 The comet of r843 was so near the sun it moved through a a very hot
MEDIUM.
30 Mercury's velocity is such, should it hit another planet, it would cause a great
19 The earth's velocity is incomparably swifter than a (miles sce.)
TOP.
1301 A 24 -pounder shot, were it not for gravitation, would go on till ( $\mathrm{ft} . \mathrm{sec}$.)
DOOMSDAY.
1142 Whatever keeps pace with sound, must have a
(ft, sec.)
TIGHT RUN.
42 A race horse is the best locomotive in a hasty
(ft. sec.) RUN.
87 A greyhound makes among hares and rabbits great (ft. sec.)
HAVOC.
19 The fastest sailing ship is not always safest upon the ( $\mathrm{ft} . \mathrm{sec}$.)
DEEP.

## Sacred Chronology.

B. C.

2348 At the Universal Deluge a few were saved under NOAH'S HOME ROOF.
3017 Enoch translated to heaven, riding up without making a MISTAKE. 1921 The Covenant of God with Abraham was an act on which he might

DEPEND.
1897 At the destruction of Sodom and Gomorrah the inhabitants received a STIFF BAKE.
1871 Abraham was about to offer his son Isaac on a
WOOD FAGOT.
1491 The law promulgated at Mount Sinai makes us acquainted with almost every Divine

ATTRIBUTE.
1571 Birth of Moses in Egypt ; he was saved by a princess fair and

DELICATE.
II36Samson kills 1,000 Philistines with a jaw bone, had rather a
TIGHT MATCH.
1004 At the dedication of Solomon's Temple, the dome of which was round like a

TEA SAUCER.
914 The glorious reign of Jehoshaphat, King of Judah, did honor to the Jewish SCEPTRE.
726 Hezekiah destroyed the Brazen Serpent, that it might no longer be worshipped by his

WEAK NATION.

1452 Moses wrote the Pentateuch, and smote the rock, preferring that his people should drink WATER ALONE.
975 Division of Israel and Judah by a
BIG WALL.
517 Darius repudiates Vashti and marries Esther, having rather a

SLY WEDDING.
538 Belshazzar's feast was a
LOW MOVE.
569 Nebuchadnezzar lost his reason, and ate grass seven years, like SILLY SHEEP.
537 Daniel cast into the lion's den, they were rendered as harmless as A LAME COW.
510 Esther, in saving the Jews from a general slaughter, surpassed in heroism all other

LADIES.
510 Haman hanged, being burdened with sinful
LOADS.
606 Jerusalem taken by Nebuchadnezzar. Temple destroyed, and among captives were many a

JEW SAGE.

| 1. Hat. | 16. Diteh, |
| :---: | :---: |
| 2. Honey. | 17. Dike, |
| 3. Home. | 18. Dove, |
| 4. Hantor. | 19. Deep. |
| 5. Hill. | 20. Nowse. |
| 6. Hedge. | 21. Night, |
| 7. Hawk, | 22. Noon, |
| 8 Isy. | 23, Gnome. |
| 9. Aboey. | 24. Norway. |
| 10. Woods. | 25. Nile. |
| 11. Deed. | 26. Nich. |
| 12. Den. | 27. Yankee. |
| 13. Deme. | 28, Knife. |
| 14. Dear. | 29. Knob, |
| İ. Doll, | 30. Mouse, |

## Fifteen Decisive Battles of the World,

 B. C.1st.- Battle of Marathon, fought in 490, in which the Greeks under Miltiades defeated she Persians under Darius.

2 d .-The battle of Syracuse, 416 , when the Athenian power was broken, and the rest of Europe saved from Greek domination.

3d-The battle of Arbella, 331, in which Alexander, by the defeat of Darius, estabished his power in Asia, and by the introduction of European civilization produced effects which may yet be traced there.

4th.-The battle of Metaurus, 208, the Romans, under Nero, defeated the Carthagenians, under Hasdrubal, by which the Supremacy of the Great Republic was established.
A. C.

5th.-The victory of Armonius, 109, over the Roman leader Verus, which saved the Gauls from Roman domination.

6th.-The battle of Chalons, 451, in which Actius defeated Attila, the Hun, the self-styled scourge of God, and saved Europe from entire devastation.

7 th. -The battle of Tours, 735, in which Charles Martel, by the defeat of the Saracens, averted the Mohammedan yoke from Europe.

8th. - The battle of Hastings, 1066, in which William of Normanay, was victorious over the Anglo Saxon Harold, the result of which was the formation of the Anglo-Norman nation, which is now dominant in the world.

9th.-The battle of Orleans, 1429, in which the English were defeated, and the independent existence of France established.

10th.-The defeat of the Spanish Armada, 1588, which crushed the hopes of Papacy in England

Ith.-The battle of Blenteim 1701, in which Marlborough, by the defeat of Tallerd, broke the power and crushed the ambitious schemes of Louis XIV.

12th-The defeat of Charles XII by Peter the Great, of Pultowa, 1709, which secured the stability of the Muscovite Empire.

13th.-The battle of Saratoga 1777, in which General Gates defeated Burgoyne, which decided the contest in favor of the American Revolutionists, by making an ally of France and other European powers friendly to them.

14th. - The battle of Valmy, 1792, in which the Continental allies, under the Duke of Brunswick were defeated by the French under Damouriez, without which, the French Revolution would have been stayed.

15th.-The battle of Waterloo, 1815, in which the Duke of Wellington hopelessly defeated Napoleon, and saved Europe from his grasping ambition ; or put Europe back half a century towards liberty and true nationality, which was only recovered at the battle of Solferino in 1859.


