

Derivations

Word	Prefix	Root	L	Affix
Critic		Kriuo - judge	L g	ic Abs. Idea
Litho- graphy		Lithos - stone Grapho - write	g g	y Abs. "
Fracture		Frango - (fractus) break	L	
Vulgar		Vulgus - common people	L	
Imprecate		Precor - pray	L	ate to make.
Incision	In - into	Caedo (caesum) fall	L	ron Abs Idea
Reception	Re - back	Capio (captum) take	L	ion " "
Theology		Theos - God Logos - reason	g g	y. Abs "
Type.		Tupos - stamp	g	



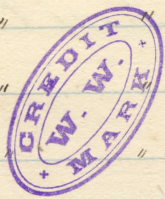
Geography.

Name.	What.	Where and for what noted.
Koenigs- burg	Town	in Germany at the mouth of Pregel. Corn, timber.
Zurich	Town	on L. Zurich in Switzerland Beautiful scenery and University
Idria	Town	in Austria, North of Trieste, Quicksilver
Wener Wetter Maclar	Lakes	Chief lakes of Scandinavia.
Patras	Town	on Gulf of Patras. Exports currants.
Malta	Island	S. of Sicily, capital Valetta. Invaluable to England as Naval station
Constadt	Town	on Constadt Ids. Fortified naval station. Key to St Petersburg.



History. English.

Date.	In whose reign.	Event.
1765	George III.	<u>Stamp Act</u> passed
1766.	" "	" " <u>repealed</u>
1783	" "	<u>Treaty of Versailles</u>
1797	" "	<u>Battles of St. Vincent and Camperdown.</u>
1839	Victoria	<u>The penny post</u> , established by <u>Rowland Hill</u>
1846	" "	<u>Repeal of the Corn Laws</u>
1851	" "	<u>Great Exhibition.</u>
1854.	" "	<u>Great Crimean War</u> begins.
1857	" "	<u>The Indian Mutiny</u> breaks out.
1860	" "	<u>The Third Chinese War.</u>
1861	" "	<u>American Civil War.</u>
1868	" "	<u>Abyssinian War.</u>
1885	"	<u>Gordon killed at Khartoum</u>
1882	"	<u>An Egyptian War.</u>
1887	"	<u>Queen's Jubilee. 50 years.</u>



Arithmetic.

What sum of money, banked on July 1st 1897 at 5 per. cent. Compound Interest would amount to £890.16.4.8, by Sept. 12th 1898?

$$\begin{array}{r} 100 \\ \underline{5} \\ 105 \\ \underline{1.05} \\ \underline{106.05} \end{array}$$

$$106.05 : 890.82 :: 100 : x$$

$$\begin{array}{r} 10605 \overline{) 8908200} \quad (840 \\ \underline{84840} \quad \times \times \\ 42420 \\ \underline{42420} \\ \dots 0 \end{array}$$

Answer £840.0.

Fourth
Power

is obtained by multiplying the given number by itself three times.

Cube
Root

is a number, which, when multiplied by itself twice will produce the given number.



Grammar

Relative Pronouns

	Persons. Sing and Plur.	Things
Nom	Who	Nom. Which
Poss	Whose	Poss. Whose
Obj.	Whom.	Obj. Which.

"That" is often used, and "What."

Interrogative Pronouns.

Who? Whose? Whom? Which? What.

Demonstrative Pronouns.

Sing This, That.
Plur. These, Those.



Indefinite Pronouns.

One, Ones, Any, Some, Other, None.

Poetry

Oh! God! that men
should see a little
clearer,
Or judge less harshly
when they cannot see,
Oh God! that men
would draw a little
nearer
To one another - they'd
be nearer
Thee."

Thos. Bracken -
New Zealand.



Arithmetic.

A beam 20 ft long and square at one end being 6 inches thick has a circular hole $3\frac{1}{2}$ in. in diameter bored from end to end find cubic feet of wood are left.

$$\frac{7}{2} \times \frac{7}{2} \times \frac{11}{8} = \underline{9\frac{5}{8}}$$

$$6 \times 6 = \underline{36} - \underline{9\frac{5}{8}}$$

$$\underline{9\frac{5}{8}}$$

$$\underline{26\frac{5}{8}}$$

$$\begin{array}{r} 211 \\ 8 \\ 2 \end{array} \times \begin{array}{r} 240 \\ 1728 \\ 144 \end{array} \times 1$$

$$\begin{array}{r} 288 \overline{) 1055} \quad (3 \\ \underline{864} \\ 191 \\ \underline{288} \end{array}$$

Ans $3\frac{191}{288}$

$$\underline{1.75} \times 2 \text{ of } \text{£} 4'' 8'' 4 - \underline{.125} \text{ of } \text{£} 4 - 1 - 8 - .025 \times .8$$

$$\underline{.125} \text{ of } \text{£} 5.625.$$

$$\frac{1}{8} \times 4 - 1.8 = \underline{10\frac{1}{2}}$$

$$1.75 \div .125 = 14$$

$$\begin{array}{r} 14 \\ 1 \times 7 \times 12 \\ 56 \\ 341 \\ 63 \end{array} \quad \underline{123 - 13 - 4}$$



$$\frac{1}{40} \times \frac{8}{10} \times \frac{45}{8} \times \frac{20}{1} = \underline{2-3}$$

$$\begin{array}{r} 10 - 2\frac{1}{2} \\ \underline{23} \\ 7 - 11\frac{1}{2} \end{array}$$

$$\begin{array}{r} \text{£} 123 - 13 - 4 \\ \underline{7 - 11\frac{1}{2}} \\ \text{£} 123 - 5 - 4\frac{1}{2} \end{array} \text{ Ans.}$$

* Science *

*

end
de
left.
" " Explain Inspiration.

It is breathing in and it purifies the blood in the lungs.

" " Alimentation

It is the process by which the food is turned into blood. Digestion.

" " Bronchial tubes.

are branches of the Bronchi and contain at the end, lung-sacs, which end in air-cells

5 x .8
8 = 10/2 1/2
2-3
" " Chyme

is food after it has been acted on by Saliva, and Gastric juice, it is found in the Stomach.



Geography.

Name	What	Where.
Cod	Cape	E. of United States. Fogs. Fishes.
Sable	Cape	S. of Florida, Most southerly point.
Vera Cruz	Town	on Gulf of Mexico Port. silver, gold.
Liverpool	Range	in New South Wales. Well timbered.
Hunter	River	in New South Wales. Flows E. into Pacific Ocean Coal Valley.
Bunda- berg	Town	in Queensland on Burnett R. Maze. Lucksilver Sugar refinery.
Moonta	Town	in S. Australia, on York Peninsular. copper.
Port Pirie	Town	in S. Australia, on Spencer Port for shipping



Mensuration.

2.5 inches of rain fell in one week.

Find the weight of water that fell within a radius of $1\frac{3}{4}$ miles of the school.

Note = 1 cub. ft. water equals 1000 oz.

1st Find Area of Circle.

$$\frac{7}{2} \times \frac{4}{7} \times \frac{22}{7} \times \frac{77}{8} = 9\frac{5}{8} \text{ sq miles.}$$

2nd Reduce to Square Feet.

$$9\frac{5}{8} \times 640 \times 10 \times 484 \times 9 = 268329600 \text{ sq feet.}$$

3rd Mult. by Depth. 25 inches = $\frac{5}{24}$ of 1 foot

$$\frac{268329600 \times 5}{24} = 55902000 \text{ cub ft.}$$

4th Mult. by 1000 for ounces, and reduce them to tons.

$$\frac{55902000 \times 1000}{16 \times 28 \times 4 \times 20} = 1559765\frac{5}{8} \text{ tons.}$$

$$16 \times 28 \times 4 \times 20$$

