

Aithmetic

1234321 ÷ 101

$$\begin{array}{r}
 10100 \overline{) 1234321} \quad (122 \cdot 21 \\
 \underline{10100} \\
 22432 \\
 \underline{20200} \\
 22321 \\
 \underline{20200} \\
 21210 \\
 \underline{20200} \\
 10100 \\
 \underline{10100} \\
 0
 \end{array}$$

Ans. 122.21

31 ÷ 13

$$\begin{array}{r}
 13 \overline{) 310} \quad (23 \cdot 8461 \\
 \underline{26} \\
 50 \\
 \underline{39} \\
 110 \\
 \underline{104} \\
 60 \\
 \underline{52} \\
 80 \\
 \underline{78} \\
 20 \\
 \underline{13} \\
 7
 \end{array}$$

Ans. 23.8461



7504 ÷ 032

$$\begin{array}{r}
 31 \overline{) 75040} \quad (2345 \\
 \underline{64} \\
 110 \\
 \underline{96} \\
 144 \\
 \underline{128} \\
 160 \\
 \underline{160} \\
 0
 \end{array}$$

Ans 2345

Syntax.

<u>Word</u>	<u>Sentence</u>
<u>Incorrect</u>	I expected to have received an answer
<u>Correct.</u>	I expected to receive an answer.
<u>Rule.</u>	The Perfect Infinitive must not be used after past tense.
<u>Incorrect</u>	He reads and recited well.
<u>Correct</u>	He reads and recites well.
<u>Rule.</u>	Conjunctions join the tenses in verbs.
<u>Incorrect</u>	Mary sang very sweet
<u>Correct</u>	Mary sang very sweetly.
<u>Rule</u>	Adjectives should not be used as adverbs.
<u>Incorrect.</u>	Who do you intend to give this book to
<u>Correct.</u>	To whom do intend to give this book to
<u>Rule.</u>	Prepositions govern objective.



Warrnambool.

Fairy Street

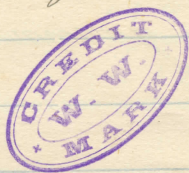
Oct 12th 1898

Dearest Mother,

I received your last letter just a week ago. I would have written before but I was very busy, because Roy had a very bad cold, and I had to stay home and help Auntie. But Roy is better now. What is the garden like now? You can send me a box of flowers for me next week if you like. That box of fern that uncle sent me is growing nicely. I am getting ready for the "exam" I am very fond of them. Mr. Jordan came to our ^{school} to take our photos. he stood at the back of us and took a photo of our back. I think I must close now, give my love to May. I remain your loving daughter

Florrie Tyler

To
Mrs K. Tyler
Geelong



Musical

Rests



SEMIBREVE. MINIM. CROTCHET. QUAVÉR. SEMIQUAVÉR.

A dot after a note or rest is equal to one half of it

d. = 3 beats. d. = 3 1/2 beats. o. = 7 crotchets

The second dot is equal to half the first dot.

4 beats in a bar

Common or Duple Time		4 crotchets in bar or their equal.
Triple Time		= 2 crotchets " " " "
Triple Time		3 minims " " " "
Compound Time		3 crotchets " " " "
Compound Time		6 quavers " " " "



Arithmetic.

What fraction of $\frac{2}{29}$ of £3-19-9 is equal to $\frac{2}{5}$ of £1-12-1-

$$\frac{2}{29} \times \frac{3-19-9}{1} = \frac{66^0}{1}$$

$$\frac{2}{5} \times \frac{1-12-0}{5} = \frac{44}{5}$$

$$\frac{44}{5} \times \frac{1}{66} = \frac{2}{15} \times \frac{12}{1} = \frac{8}{5} = 1\frac{3}{5}$$

Ans. $1\frac{3}{5}$.

$$\begin{array}{r} 3-19-9 \\ \underline{20} \\ 79 \\ \underline{12} \\ 957 \end{array} \quad \begin{array}{r} 22 \quad 2 \\ 1 \times 5 \end{array}$$

$$\frac{44}{5}$$

Comp. Interest on £1150
for $1\frac{1}{2}$ years at 5 sp.

$$\begin{array}{r} .571875 \\ \underline{20} \\ 11.435 \\ \underline{12} \\ 5.250 \end{array}$$

$$\begin{array}{r|l} 1150 & \\ 575 & \\ \hline 12075 & \\ 60375 & \\ \hline 1267875 & \\ 31696875 & \\ \hline 1299591875 & \\ 1150 & \\ \hline 149571875 & \end{array}$$

Ans. £149-11-5 $\frac{1}{4}$.



Geography

Why are the Tropics of Cancer & Capricorn drawn $23\frac{1}{2}^{\circ}$ N. and S. of Equator.?

To mark the extreme points over which the sun shines perpendicularly.

What is longitude?

It is the distance from the first meridian (E. or W.) The first meridian passes through Greenwich.

What is Latitude?

The distance N. or S. of Equator.

Why is the Arctic Circle marked where it is?

It marks the limit, to which the sun's rays extend beyond, & to which they are withdrawn from, N. Pole.



Australian History.

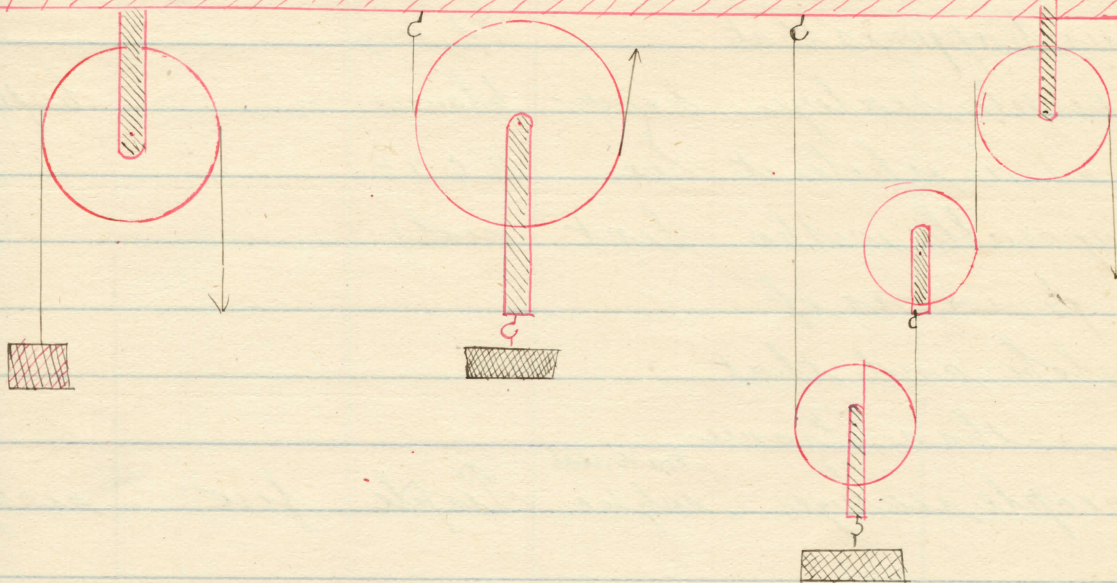
<u>Australia</u> <u>Discovered</u> <u>About</u>	1542.
<u>Explored</u> <u>by</u> <u>Captain</u> <u>Cook</u>	1770.
<u>New</u> <u>South</u> <u>Wales</u> <u>Founded</u>	1788.
<u>Victoria</u> <u>a</u> <u>Separate</u> <u>Colony.</u> <u>about</u>	1851.
<u>Free</u> <u>Education</u> <u>Act</u> <u>Passed</u> ..	1872.
<u>South</u> <u>Australia</u> <u>Founded</u> ..	1838.
<u>West</u> " " <u>Founded</u> ..	1829.
<u>Queensland</u> <u>Founded</u>	1859.
<u>Tasmania</u> <u>Discovered</u> <u>in</u> "	1642.
<u>Tasmania</u> <u>a</u> <u>Separate</u> <u>Colony</u>	1825.
<u>New</u> <u>Zealand's</u> <u>First</u> <u>Settle-</u> <u>ment</u>	1839.
<u>New</u> <u>Zealand</u> <u>Formed</u> <u>a</u> <u>Colony</u>	1841.

<u>Captain</u> <u>Philips</u> <u>founded</u>	<u>Burke</u>	} <u>Explored</u> <u>Queens-</u> <u>land.</u>
<u>New</u> <u>S.</u> <u>Wales</u>	<u>Wills</u>	
<u>Collins</u> <u>settled</u> <u>at</u>	<u>Kennedy</u>	
<u>Port</u> <u>Philip</u> .	<u>Leichardt.</u>	
<u>Sturt</u> <u>explored</u> <u>Cent-</u> <u>ral</u> <u>Australia</u> .		



Pulleys

1st System of Pulleys.



If a weight rise 10ft. in a minute with 2 movable pulleys how many feet per min would it move with 4 movable pulleys?

Ans. 40 feet per minute.



With 3 movable pulleys, if 64 feet of rope pass through the hand, how high would the weight rise?

Ans 8 ft.

Analysis.

Sentence	Kind	Sect.	Att. Subj.	Simple	Predic.
A It thus happens that few people realize that as a whole it is comparable with the - divisions of the globe and that ----- than France	Comp-lex Sent	It (temp) B. C. D. E. (real)		happens	
B Few people realize	Noun real Subj to A	People	few	realize	
C (That) it is comparable with the - - globe	Noun obj to realize	It	as a whole		
D (And that) some of its separate islands are larger	Noun comp c. obj to realize	Some	of its separate islands		
E Than France is large.	Adv to D-	France			

Analysis.
Object.

Pre	dicat					
Simp	V.P.	Comp	Dir	Idir	Abstr	Extension
happens						thus manner.
realize			b.c.d.e			
is		compar- able				with the globe
are		larger b.c. e				
is		large				

