Amelia in Arith & the others Grammar

A.M.

Testament. 9½ — Pat-ent Chivalry

2 Childs Guide 9-50

3 Reading in Spell Book { Moses, Louisa, Eben, Mary Eliza, Salome, Richard, } 10-20

4 Colburns Arithmetic

5 Emersons "

6 Smiths Geography 10-40

7 Smiths Geography Recess

8 Hist. U.S. 11¼ Recess @ 10½

9 Village Reader

10 Spelling

11 Ann Elisabeth in spelling — & George Reading ought to ½ or 40

12 Reading in Rhetorical Reader

13 Spelling

Ann Elisa in spell 10¼ +5

Village readers 11 3/4

0 2-0 So

2-20

P.M.

1 Rhetorical Reader

2 Village Reader

* 3 Reading in spelling book { Moses, Mary Eliza, Louisa, Salome, Eben — Richard }

4 Justin in ~~Geography~~ & ~~Laban~~ Bailey & Amelia Andrews A.M

5 Grammar ½ hour

6 Colburns Arithmetic Recess at 3

7 Emersons "

8 Spelling } ½ hour — Ann Elisabeth spelling

9 "

10 Testament

Arith Spelling

Mary Eliza Class

Pm

Teachers are required to make a written report in detail, of all cases of disobedience or improper conduct on the part of scholars, including the names & ages of offenders, & previous conduct of the offenders, & the punishment if any inflicted. to be forwarded monthly.

1	Laban M. Bailey	aged	14		
2	Charles Sawyer	"	13-14		
3	J. Andrew J. Sawyer	"	10		
4	Francis Morse	"	10		
5	Joseph Carr	"	10		
6	Justin F. Clement	"	9		
7	Thomas Frederick Colby	"	8		
8	Moses Stewart Brown	"	4		
9	Eben Barley	"	4		
10	Richard Bailey	"	5		
11	George Bailey	"	6		
12	James Davis	"	14		
13	John Bailey	"	11-12		
14	Charles Tozier	"	6		

1	Catharine Morse	aged	13
2	Mary Clement	"	13
3	Amelia Andrews	"	11
4	Lucinda Bailey	"	8
5	Emmett Sawyer	"	9
6	Ann Elizabeth Sawyer	"	7
7	Mary Eliza Carr	"	6
8	Louisa Harris Rosby	"	4
9	Salome Colby	"	4
10	Sophia Sawyer	16	
11	Abby Clement	15	
12	Elizabeth Morse	15	
13	William Hazen Kimball		

com

18 45-6

	1st	2d	3d	4th	5th	6th	7th	8	9	10	11	12	13
Orthography *	13	16	13	13	16	15	17	17	19	21	16	21	21
Reading	12	14	11	13	16	15	14	14	18	20 out	16	19 out	19 out
Writing	4	5	4	9	10	11	11	11	11	12	11	12	12
Geography	7	10	8	10	12	12	12	12	12	12	11	12	12
English Grammar	2	4	2	4	5	6	6	6	6	7	6	7	7
Arithmetic	9	12	9	13	15	14	14	14	14	15	14	15	15
Algebra	1	1	0	1	1	1	1	1	1	2	2	2	2
Watts on the Mind	1	1	0	2	3	3	3	3	3	3	3	3	3
Astronomy	1	2	2	2	2	2	2	2	2	2	2	2	2
Surveying													
Average No for week	12 2/9	12 9/11	11 3/6	10 9/11	15 1/11	11 5/11	12 3/11	14 5/11	15 1/11	18 6/11	11 7/9	16 9/11	17 9/11
Whole No for week	13	16	13	13	16	15	17	17	19	21	16	21	21

School visited by Mr Smith Friday Nov 25

" " " " " " Jan 16

" or none

* The Numbers in Orthography & Reading should be reversed as pupils have reversed them on Register

Length of school 13½ weeks I kept part of 14 weeks but had to make up 2 or 3 days.

Whole No of different scholars 24

Average attendance 14 7/22

Wages per month $22, summer teacher Sophia Sawyer $16 2/3,

Value of teacher's board $1.50

Esther M. Wilson

18
15½
9
8
9
15
7
12
12
13
13
14½

Edward Hicks

	14th	15th	16th	17th
Orthography	25	x 24		
Reading	25	x 24		
Writing	15	15		
Geography	18	17		
English Grammar	7	7		
Arithmetic	17	17		
History U.S.	3	3		
Astronomy	2	2		
Average No of Scholars	22 3/4	19		
Whole No for the week	25	x 24		

Hamilton Willis, State Street giving down right hand

x or 22 or 23 Salome & Louisa

	1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th
	"	"	"	"	"	"	"	"	"	"	"	"	"
Orthography	*20	25	25	23	*25	25	*24	25*	26*	24	23*	*25	25
Reading	15	18	*19 (22)	*18 (21)	*20	*23	*23	23	25	24	23	*24	25
Writing	10	10	11	11	13	*15	*15	*16	16*	15	16	16	16
Geography	7	8	8	7	8	10	10	*11	11	17	18	18	18
Eng: Grammar	3	6	7	6	7	7	7	7	7	7	7	7	7
Arithmetic	11	*15 (2 13 13)	13	14	16	17	*17	17	17	17	17*	17	17
Hist. U. S.	2	3	3	3	3	3	3	3	3	3	3	3	3
Astronomy.	0	2	2	2	2	2	2	2	2	2	2	2	2
Average No of Scholars	17 3/11	20 6/11	23	19	22 2/11	20 6/11	17 8/11	17 5/11	22 2/11	12 2/11*	20 1/11	21 1/11	21 7/11
Whole No for the week	20	25	25	23	25	25	24	25	26	24	*24	*25	25

Astronomy 2

Dec 10th "

Ephraim W. Morse

Astronomy 2

* or thereabouts 1 or 24

*Eben is in ab ats

× or 23

Algebra 3
Physiology 1
Natural History 2
Botany 3

That the teacher shall report to the committee on their visitation of the school, the cases if any of bad conduct & the punishment

the rule which the committee have adopted

Laban I III
Charles III
John III
Andrew III
Justin III
Francis III +
James III
Joseph II
William

17	
22	22
23	23
22	23

	13		14		15		16	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
M	18	19	21	22	22	22	18	21
T	23	22	24	24	16	16	21	22
W	23	23	17	15	18 (19)	21	21	21
T	19	21	25	25	20	20 (19)	21	21
F	25	22	25	25	20	18	21	22
S	23		23		16		21	
	21 7/11		22 4/11		×19 1/11		21 9/11	
	25		25		24			

×or 19

17 R. 5 yds. 1 ft. 11 inch

18 R. 5 inch.

17 Rds. 16 ft 11 inchs.

Subtract each from the other & the answer is 0

11-1-9-41

28 yds of cloth for 29.00

$\frac{9}{17}$ of it for $\frac{9}{9}$ of 1.00 = $\frac{17}{17}$

$\frac{9}{17} \times \frac{17}{9}$ of 28 = 28.00

29.00

1.00 = 3½c per yd.

A man bought 100 animals for $100.
He gave $10 a peice for the oxen
$1. for the sheep & 1 shilling for
the geese. How many of each
kind did he buy? Ans. 5 oxen -
-41 sheep-54 geese.

162-6

6) 800

$133\frac{1}{3} \times 2 = 266\frac{2}{3}$

$266\frac{2}{3} \times 3 = 800$

$400 \times 6 = 2400$

$400 \overline{)3466\frac{2}{3}} (8\frac{2}{3}$

3200

$266\frac{2}{3}$

1 : 12 $\frac{17}{27}$ :: $\frac{6}{35}$ $\quad$ $\frac{12}{5}$ $\frac{14}{7}$ $\quad$ 180 / 36

920 $\quad$ $\frac{11}{7} - \frac{7}{5} = \frac{6}{35}$ $\quad$ $\frac{77}{5} \frac{11}{7} = \frac{4455}{35} \frac{35}{35} \frac{6}{35}$

176 / 36

$\frac{258}{3500}$ / 27 × $\frac{6}{35}$ $\quad$ 2000 − 945 $\quad$ 23) 200 (9

200

180

180, 36

page 180, 36

600 : 500 :: 6 : 5

13 : 10' 35" : 360 :: 1

176 / 37

1000 × 3¾ = 3750 × 1⅞ = 1031¼ ÷ 1¼

176 / 43

1.35
88
1080
1040

205
29

1.188 0 : 1.00 : 5.00
5.00
1.188) 5.0000 (4.20 $\frac{240}{297}$
4752
2480
2376
1040

1.188
50
3) 5.9400
9.800
5) 39.200
7 $\frac{46}{50}$ = 7 $\frac{23}{25}$

1.175
.06
1060
1.1880 : 1.00 :: 5.00
5.00

1.188) 5.000 (4.20
4752
2480
2376
1040

205
29

1.148
50
3) 59400
9800
5) 34600
6920
7 28
25

1278 : 422 :: 3706 : 12.23 M 12.31 M 12.06
1278 : 427 :: 3706 : 12.38 J 12.44 J 12.21
1278 : 429 :: 3706 : 12.44 C 12.52 C 12.02

37.16

3706	3706	3706
422	427	429
7412	25942	33354
7412	7412	7412
14824	14824	14824
1278) 15639.32 (12.23	1278) 15824.62 (12.38	1278) 15908.74 (12.44
1278	1278	1278
2854	3044	3128
2556	2556	2556
3037	4886	5724
2556	3834	5112
4772	10522	6154
3834	10224	5112

253
5

whole distance

As the whole $\frac{30}{33} : \frac{6}{33} :: 12$ to a part

28-98 Test.

$$30 \overline{)96} \left(3\frac{1}{5}\right.$$
$$90$$
$$6$$

204
13

.12
.04
.0048
.12
.1248

.13
.1248
.0052

.13 : 100 :: .0052

$$.13 \overline{).5200} \quad \begin{matrix} 100 \\ 4 \end{matrix}$$

if .0052 is lost on .13
what is lost on 100

NEWBURYPORT HIGH SCHOOL.

E. W. Morse.

Absent.	0
Tardy.	0
Punished.	0

REMARKS.

The figures represent the number of *half days* absent, number of times tardy, and the number of punishments.

NOTE. *Parents* are desired to place their names upon the back of this, as evidence of having seen it,—and to return it on Monday. The co-operation of all parents is earnestly desired.

Week ending Saturday, Jan. 18, 1840

DAVID P. PAGE, INSTRUCTOR.

6000 ; 12.000.000.000.000.000.000.000.000.000.0 :: 1 | pag 299

12) 2.000.000.000.000.000.000.000.000.000. | 6/6

100 / 31557600) 666666666.666666666663 (528134.7960

15 77880
0887866
4311152
256714

15
15
225
900
2025.00 (450
225
900
1575
525

220
525
115500
24431
86066

15
15
225
15
3375
1331
2044
511

11
11
121
1331

.745398
511
401.338378
731
3
29431.481055

307-28

4000 X X 4 = 16000
4500 X 12 = 54000
3500 X 4 = 14000
84000 A

3000 X 10 = 30000
1500 X 4 = 6000
4500 X 6 = 27000
63000

2000 X 6 = 12000
4000 X 8 = 32000
6000 X 2 = 12000
4500 X 4 = 18000
72000

84000:
63000
74000
221000 : 84000 : : 1420 : 1680
221000 : 63000 : : 1420 : 1260
221000 : 74000 : : 1420 : 1480

1914 года

72×2 = 144 ÷ 144 = 173 11/18

1736 1/9	1736 1/9	
3009 7/24	3009 7/24	
1822 11/12	1822 11/12	
1041 2/3	1041 2/3	
7609	7609	
3009 7/24		
1822 11/12	1822 11/12	1041 2/3
1041 2/3	1041 2/3	
5873 91/108	2864 7/12	1041 2/3

173 11/18
20
3460
12 2/9
2)3472 2/9
1736 1/9

173 11/18
42
346
692
25 2/3
4)7291 2/3
1822 11/12

173 11/18
52
346
865
31 7/9
3)9027 7/9
3009 7/24

173 11/18
30
5190
18 1/3
5)5208 1/3
1041 2/3

198
5

27720 : 4620 :: 684

684

18480

36960

27720

27720) 3160058(114

27720

38808

27720

110880

110880

228 : 114 :: 1.00

1.00

228) 114.00(.50

1140

0

1.50

224

684

114

114.00510

3678

.6

2206.8

1 5000 : 570 :: 1

1

15000) 570.000(.038

570.000

22.068

3.156

1.50

26.724

5.26

.006

3.156

27720 : 4620 :: 684

684	684
114	18460
570	36960
	27720

27720)3160080

114

95000 : 570 :: 1

95000)570000

.006

228 : 114 :: 1

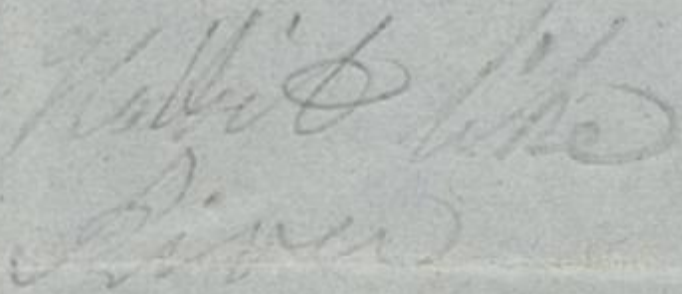
228)11400

.50

1728	378
.006	.006
10.368	2.268

10.368
2.268
2.00
14.636

228
114.00
50
4
200



228
40

4
4
4)16
4
12
144
1728
16
8)128
84

44.00
(41.56
2)6.44
3.22

4
4
2)16
8
8
144
1152
9
63)252
189
63

3.22
3.81
4.97
12.00

41.56
(33.94
2)7.62
3.81

24.
12.
12

4
4
16
3
4)48
12

16
12
4
144
576
4
44)176
176

33.94
(24.00
2)9.94
4.97

228
41

.785398)160.000000(203.71(14.269 ÷ 2 = 7.134
157079
24)103
96
282)771
564
207

228
42

1.273241
127.324100(11.28×.707016 = 7.975

236
8

30×320 = 9600+1 = 9601×2 = 19202+
2
19204×9601 = 184377604 ÷ 320
19204
= 576180 ÷ 80
2)
238090−2

282-30

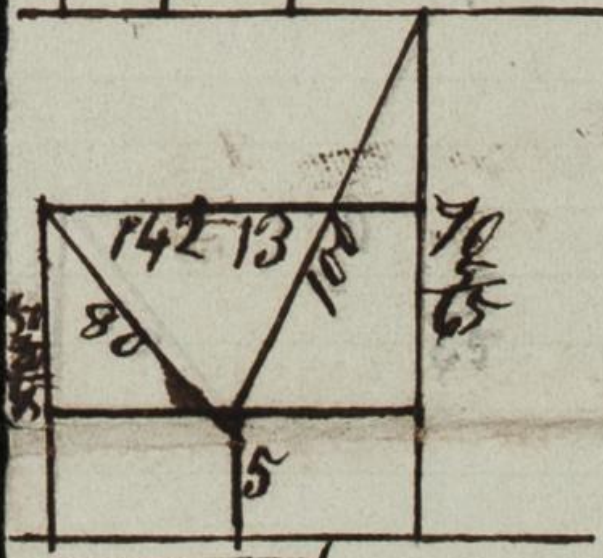
40, x, x, 90

Bills Payable.

Bills Payable

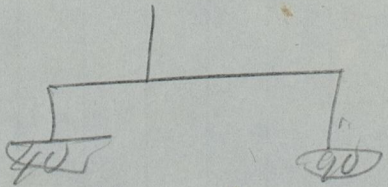
65
65
325
390
4225

100
100
10000
4225
5275



227
35

40 ! X ! X = 90



A man bought 100 animals for
$100. He gave $10. a piece for the
Oxen, $1. for the Sheep & 1
Shilling for the geese.
How many of each kind did
he buys? Ans. 5 Oxen 41 sheep 54 geese

NEWBURYPORT HIGH SCHOOL.

Ephraim W. Morse

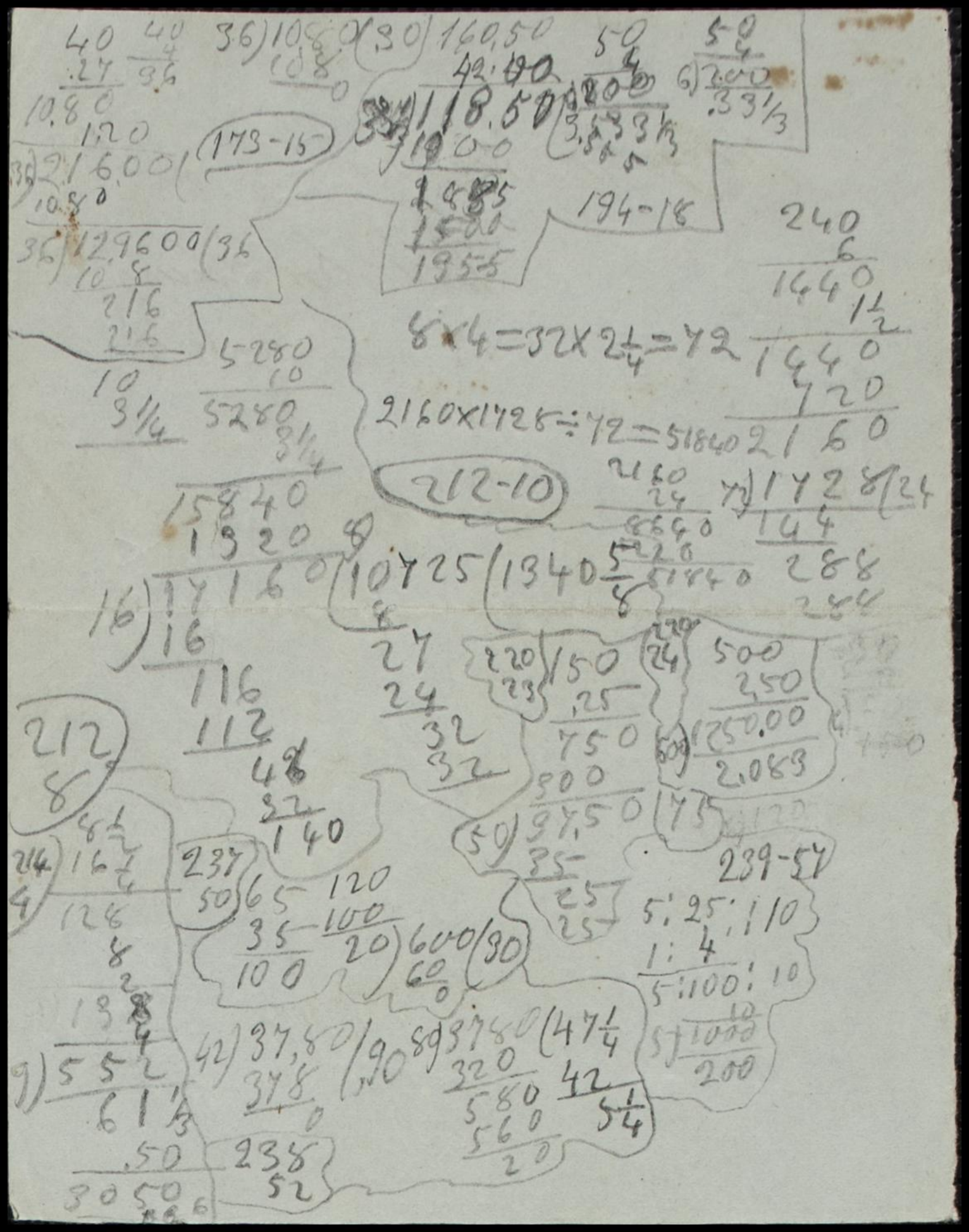
Absent.	5
Tardy.	1
Punished.	0

Remarks.

The figures represent the number of *half days* absent, number of times tardy, and the number of punishments.

NOTE. *Parents* are desired to place their names upon the back of this, as evidence of having seen it,—and to return it on Monday. The co-operation of all parents is earnestly desired.

Week ending Saturday, Oct 9th 1841.



George H. Bailey

West Simsbury

Mass

Testament 9- x 9-15

young Reader 9-15 x 9-40

Spell Book 9-40 x 10-

Smith's Arith 10- x 10-15

Colburns " 10-15 x 10-30

10-30 x 11
History

Rhetorical 1 x 1-15

Village Reader 1-20 x 1-30

young Reader 1-30 x 1-40

Speller 1-40 x 1-50

Geog 1 to 11

learn poetry verses for Sat.

concert

10 cwt = $\frac{1}{2}$ | 19199 yr
19
172791
19199
364781

5 = $\frac{1}{2}$ 95499 $\frac{1}{2}$
4 = $\frac{1}{5}$ 47999 $\frac{3}{4}$
3839 $\frac{4}{4}$
2 yr = $\frac{1}{8}$ 479 $\frac{19}{40}$
1 = $\frac{1}{2}$ 239 $\frac{79}{80}$
14 lb = $\frac{1}{2}$ 119 $\frac{159}{160}$
7 = $\frac{1}{2}$ 59 $\frac{319}{320}$
3$\frac{1}{2}$ = $\frac{1}{2}$ 29 $\frac{639}{640}$
2 = $\frac{4}{7}$ 17 $\frac{154}{1120}$
1 = $\frac{1}{2}$ 8 $\frac{1299}{2240}$

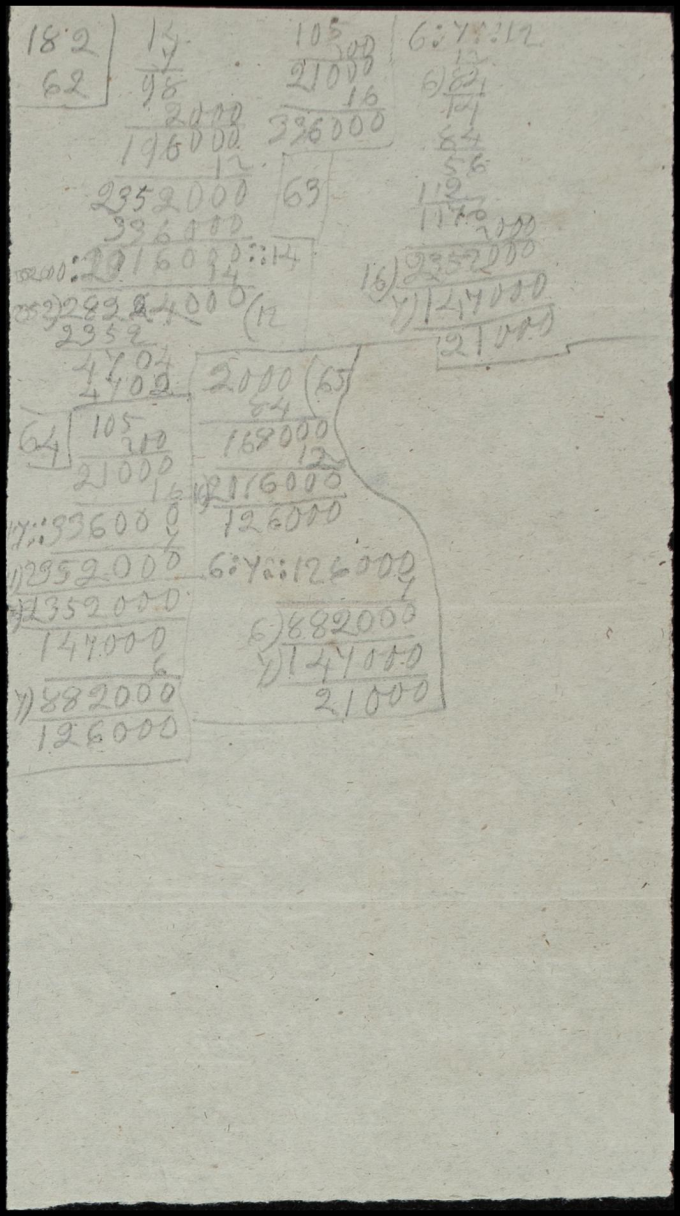
4 | 383975 $\frac{12804}{17920}$
12 | 95993 $\frac{16641}{17920}$
20 | 7999 – 5
399 – 19 – 5 $\frac{16641}{17920}$

8960
13440
14336
17472
17696
17808
17864
17892
2544
10232
138244 / 17920 = 7 $\frac{12804}{17920}$

19 – 10 – 11 – 3
20
399
12
799
399
4789
4
19199

173 Page
18 Question

173 Page
18 Question
A very Hard
Sum



204-13 .02 .13
.04 .1248
.0048 .0052
12
.1248 13:100::.0052:4
if .0052 is lost on 13 what is
lost on 100 —

253-5 As the whole $\frac{30}{33}$: to a part
$\frac{6}{33}$ :: the whole dist. 12 : $9\frac{1}{5}$

$\frac{30}{33} : \frac{6}{33} = 12 : 9\frac{1}{5}$

He knew not what to
think
Mr Lowell calls ~~them~~ what on
indefinite pronouns,
he says that Greenough's Latin
Grammar contains
an appendix which of
theses which is worth
the price of the work.

The school & school keeping

Set out 15 trees in
3 rows & 5 trees in a row
what will 19 lbs of beef come to
@ 7¢ per lb provided it is 2/3 fat

Divide 8 galls. equally among 2 men
with 2 measures one a 5 gall & the
other a 3 gall measure,
the 8 gall are in a hogshead – fill
the 5 gall measure then turn in to
the 3 gall, there will be 2 gall
ons left in the 5 gall measure, pour
those to one man, & begin again

Means & Ends by Miss Sedgwick

Shelf & lock business

Salisbury Dec. 31. 1846

John S. Morse Esqr.

Sir, Capt. B. Bachelor & others have sold

Hazens Technology
for knowledge of art
Combs Phisiology

New Greenleaf's Arithmetic

4 | 50×4=200 | 162 page
100×8=800
1000÷250=4
10
6

144×7=1008

154 page 8

450
3.50
22500
135
1575.00

450
4.00
1800.00
.03 1/20
540000
9000
549000

1800.00
54.90
1745.10
1575.00
170.10

6
50−40=10
10/40=.25 : .4 :: 100
.04
25) 4.00 (.16
400

154 6
3) 144
48×4=192
816

or 10:4::40
40
10) 160 (16
160
50
35
15

164 6

5

72 144
48 120
120 24

816
72
96
96
34=2-10

15 (7)
63
45 (154 7)
90
945
1.25
945
29825
25) 1183.25
47 1/4

162 6

6) 800
133 1/3 × 2 = 266 2/3
3) 800
266 2/3 × 3 = 800
400 × 6 = 2400
800
) 3466 2/3
3466 2/3 (4 1/3 × 2 = 8 2/3

400) 3466 2/3 (8 2/3
3200
266 2/3
400 =

154 8
670×35=234.50
234.50÷5.00=46 9/10

35:500::15
15
35) 7500 (2.14 2/7
7490
10
5.00
7.14 2/7

157-10
4) 2500000
625000
4) 3125000
781250
4) 390625
9765

1935
1835
10) 100
10

Divide by 4 10 times

25 cubic feet of a boiler = 1 horse's power

Smiths Arithmetic 227 page

77 1 hour 10 miles 3600 : 45 :: 3200 : 40

60 60 60 — 3600 : 3200 :: 45 : 40

10 8 80 40

12 52

54 11 : 12 :: 4 : 4-2(

55 11 : 12 :: 1 : 1-5-27/11

80 365 90 2000.

.20 28 493

73.00 6 2520 1507 365

420.00 420 1460 4.128

49300 47

78 6 1 16

8 60 8

48 60 128

60 60 40

1920 : 52 :: 3600 :: 97½

79 60 60 16

60 60 40

3600 : 97½ :: 5120 :: 138-3-2

6 2½ 6½ ,5236
6 2½ 2½ 3¼
36 6¼ 4 19.3925

5)3926990
.785398

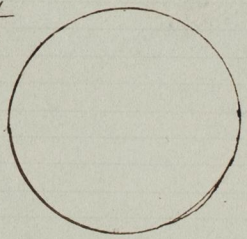
4½ 225(6.5 5 5
125 625 25 × .785398 = 19.634950
625

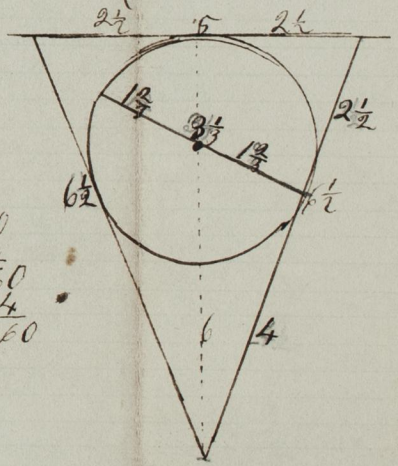
6 : 4 :: 2½ : 1½
4
6)10(1⅔
6
4
3⅓
3⅓
1

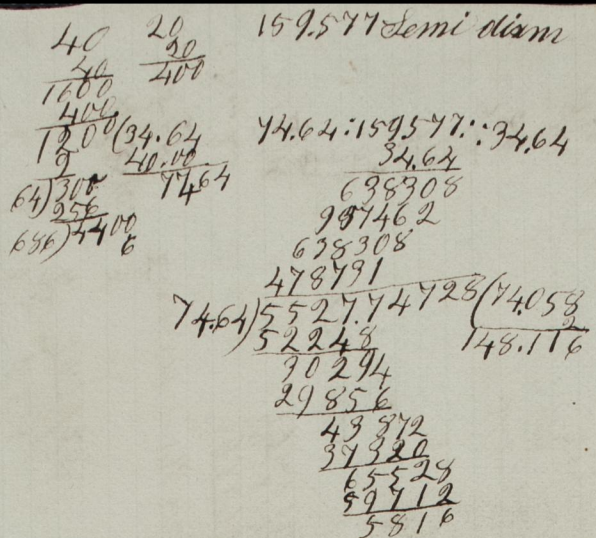
39269900 contents of the glass globe
19392500 " " " "
19.9774

19.9774 : 37½4 :: 785398 : 37½4
5997786
2356194
290591

19.9774)29.0885907(14.634110(2445
19774
921140
799096
1260447
1197744
627030
599322
277080
199496
219840
199774
210660
199774
10886





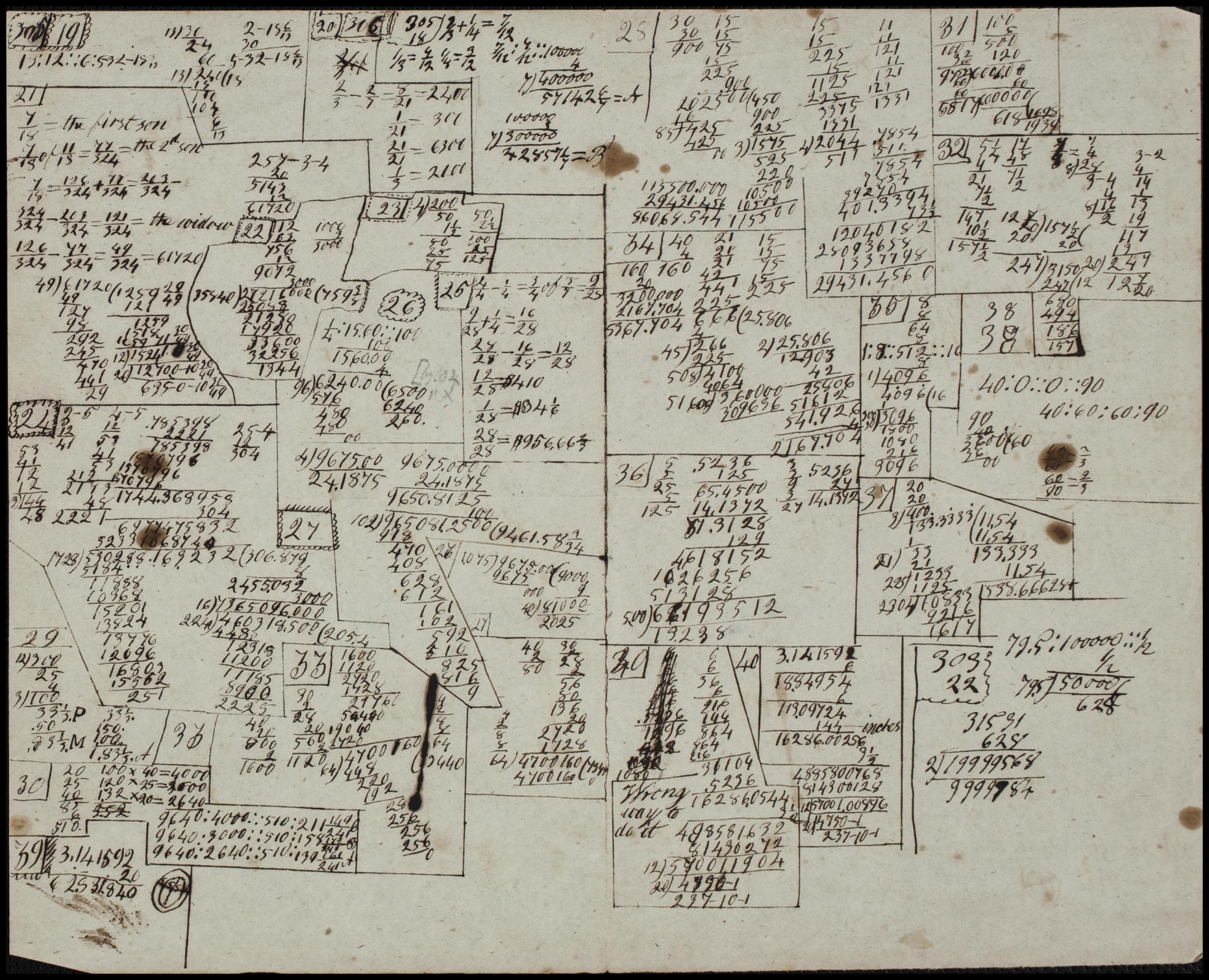

159.577 semi diam
74.64 : 159577 :: 34.64
34.64
74.64)5527.74723(74.058
148.116

Here are a man & boy at work hoeing the boy works half as fast as the man; Now does the boy do half the work?

I have a yoke of Oxen which can draw 2 Tons, & hitch them to a load of 2 tons how much strain is upon the chain? I have another yoke which draws 2 tons & I hitch them back to back how much strain is now on the chain?

Can a man tell a lie while he is telling the truth? yes If I tell you that I will tell you a lie & then tell you the truth, it is a lie

Is Platina heavier than Lead? Nothing is heavier than Platina & Platina is heavier than Nothing therefore Lead is heavier than Platina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40
Wrong way to do it

A, B, & C, were indebted to D, who had forgotten their particular Debts but remembered that the debt of A & B, added together amounted to $[illegible]50 the debt of B & C, $[illegible]60 — of A & C $[illegible]80, What was each mans debt?

Neals Jarotte
Oct 31. 46

From two towns C, & D, two travellers A & B, set out to meet each other & when they met B. had gone 24 miles more than ½ the distance that A had travelled, but from their rate of travelling, A expected to reach C in 21 hours, & B to reach D in 28 hours, what is the dist. from C to D.

Jat, Courier
Oct 31. 46

must, at all events, be Good natured
have the organ of Order well developed
Fidelity " "

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8

5 per cent taken out of the width, multiplied by 5 per cent out of a yard in length, will give the contents of the piece which measured a yard, before it shrank

1 3/4
.95
95
71 1/4
1.66 1/4
.95
830
1494
2 9 3/4
1.579 3/4

1 yd
.95
.95

100
.05
.95

10.000 (6:1-1 779/2527

142
39

A. Atwood does 1/10 in 1 day
" " & Jerry " 1/7 " " "
" " " Jacob " 1/6 " " "

$\frac{1}{7}-\frac{1}{10}=\frac{3}{70}$ what Jerry does " " "

$\frac{1}{6}-\frac{1}{10}=\frac{4}{60}$ " Jacob " " " "

$\frac{3}{70}+\frac{4}{60}=\frac{46}{420}$ = what both do " " "

1 or $\frac{420}{420}\div\frac{46}{420}=9\frac{3}{23}$ No of days.

141
25

24
15
6 : 21 :: 96
96
126
189
6)2016
336

143
45

.20
.20
.40

$60. must be then 40 per cent
& if 60. is 40 per cent 100 " " is $150. the value of Oxen
& 20 per cent off $150. = 120.

147
4

15)3.00
.20c per mile

Jones & Morse rode 11 miles together = $2.20 = 1.10 for each
Morse rode 4 miles alone = .80 + 1.10 = 1.90

$\frac{11}{15}$ of 3.00 = 2.20
1.10 = Jones

$\frac{4}{15}$ of 300 = 80 + 110 = 1.90 Morse

100 120/100 = 1000/500 960/500 1960/800

There is a plank 12 ft. long 8 1/2 ft. wide at one end and 2 ft. at the other, at what distance from the narrow end shall it be cut across so that each part shall contain the same number of square ft? About 6 47/48

Take a board 9 inch. by 15 & make it fit a hole 1 ft. square by sawing it open once, Ans. saw up 3 inches in 4, 3 times

Suppose you are presented with a calf & in 3 years she has a calf & every year for 20 yrs. & all the calves come in at 3 years, how many will you have in 20 years.

Bought 9 yds of cloth for 33.60 $5.3\frac{11}{13}$ &
solds for $35.00 on 8 months credit,
Do I gain or lose? gain .05-$8\frac{11}{13}$

I have an English piece of money called
3 pence, what is its value in cents .05 $\frac{15}{27}$
What is the difference between 6 pence (U. England)
& 10 cents? .01 $\frac{2}{3}$
What is the difference between 8 farthings & 1 cents
$100 \div 72 = 1\frac{4}{5} \times \frac{3}{17} = 1\frac{1}{24}$ .01¢ = $\frac{1}{24}$ Ans.
Bought 28 yds of cloth for $29.00 & sold $\frac{9}{17}$ of them for $\frac{17}{9}$ of
$1.00 what did I sell them for. $28.00 yds
did I gain or lose & how much per yard? lost $\frac{1}{4}$ Ans.
$\frac{9}{17}$ of $28 \times \frac{17}{9} = 28$ $29-28 = 1.00 \div 28 = 3\frac{4}{7}$
2 men build 100 rds. of wall for $100 dollars
one man has 5 shillings & the other 7½ per rod
how much must each build to have the
same amount of money. 60 @ 5 = 300 = $50
40 @ 7½ = 300 $50 + $50 = $100,

Sold a horse for $100, which was
25 percent more than he was
worth, what was he worth? Ans. $80.
1.25) 100. (80.00
100

How much must be broken from a
sugar loaf which weighs 16 lbs. & is
12 inches high, that the remainder
may weigh 8 lbs. - Ans. 16 : 8 :: 12 : 9.5
$\frac{8 \times 6}{8 \times 6}$ $\frac{8 \times 6}{8 \times 6}$

Divide 3.5 by .7 — 5 Ans.
" 3.5 " .07 — 50 "
Greenleafs Introduction 155 page 24 num.

I live 60 rds East of a Meeting House
& neighbor 80 rds South,
another " 70 " West
" " 90 " North "
how far shall I have to travel to visit
my 3 neighbors & then return home?
Ans. 425.4 rods.

An Indian went out to a level plain &
from the same place, fired 4 arrows one
an arrow,
Due North, another East, another South, &
another West, the distances were measured
& the first arrow was found to be 90 yds.
from the place where he stood, the 2d.
60 yds. the 3d 70 yds. & the 4th 80 yds.
what is the shortest distance the Indian
must travel, to pick up his arrows, &
return to the same place again.
Ans. 464.8 yds - he must travel south first
& then N.W. or East & then N.W.

12.
9.5
2.5 Ans.

Puzzle of go

1st Let 2 men build 100 rods of stone wall for £100. one man has 5 shillings & the other 7. per rod. How many rods must each build so that each may have the same amount of money (£50)? the sum is absurd, for one of the men must build 60 rods to amount to £50 then there will be but 40 rods for the other at 7s which will not amount to £20, at 5s 7½ (right it is

2d. Put 15 sheep in 4 pens having an odd no. in each pen; Put 5 sheep in each of 3 small pens & then put those in to a large pen, not good,

3d. Required the length of a grape Vine which twines around a tree once in 9 ft the tree is 3 ft in diam. at the bottom & 2 feet at the top & 40 high?

19 trees grows 5 in a row

282 page
30 sum

40 : x :: x : 90

$\frac{x}{x^2} = \frac{40}{3600}$

$x = 60$