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Doyle

Richard Richardson

Richard Richardson

THE

IMPROVED

POCKET RECKONER,

FOR

**Timber, Plank, Boards, Saw-Logs,
Wages, Board,**

AND

INTEREST.

BY EDWARD DOYLE.

SECOND EDITION.

ROCHESTER,
PRINTED AND SOLD BY HOYT & PORTER.

1837.

R. B.

TO NEW YORK
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ASTOR, LENOX AND
TILDEN FOUNDATION
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NORTHERN DISTRICT OF } To wit:
NEW-YORK.

BE IT REMEMBERED, That on the
eleventh day of October, in the fiftieth year
of the Independence of the United States of
America, A. D. 1825, EDWARD DOYLE, of
the said District, hath deposited in this of-
fice the title of a Book, the right whereof he claims as au-
thor, in the words following to wit:— The Improved
Pocket Reckoner, for Timber, Plank, Boards, Saw-Logs,
Wages, Board, and Interest. By Edward Doyle." In
conformity to the act of the Congress of the United States,
entitled "An act for the encouragement of learning, by
securing the copies of Maps, Charts, and Books, to the
authors and proprietors of such copies, during the times
therein mentioned;" and also, to the act entitled "An
act supplementary to an act entitled 'An act for the en-
couragement of learning, by securing the copies of Maps,
Charts, and Books, to the authors and proprietors of such
copies during the times therein mentioned,' and extend-
ing the benefits thereof to the arts of Designing, Engra-
ving and Etching historical and other prints."

R R. LANSING, Clerk
of the Northern Dist. of New-York.

P R E F A C E .

THE following Tables are intended to shew the contents of Timber, Boards, Plank, Saw-Logs of different dimensions, together with a Table of Board, Wages and Interest, with an explanation to each.

The accuracy of the calculations can be relied on, as they have been tested in an extensive business for several years, and will be found very convenient to persons dealing in any of those articles, or hiring men for any purpose, as they will at all times afford a correctness not readily acquired by hasty calculation.

THE AUTHOR.

with 30 Jan. 1725

TIMBER MEASURE.

The following Table gives the number of feet, inches and parts, contained in a stick of Timber of any dimension, from 18 to 36 feet long, and from 9 to 24 inches square.

The column on the left, from 18 to 36, is intended for the length of a piece of Timber, and the caption for the breadth and depth. Example—A stick of Timber 23 feet long, 15 inches broad, and 14 inches thick: to find its contents, refer to the column on the left for the length 23 feet; then on a line immediately under its dimension 14 by 15, you find the contents to be 33 feet, 6 inches, and 6 parts. Where the contents of a larger stick is required, than given in the Table; for instance, 45 feet. take the amount of 23 and 22 feet of the dimension required, add them together, and you have the contents of a stick 45 feet long. If the breadth or depth is not on the Table, where the length is given; for instance, 10×8 , take the amount of 10×16 of the same length; as 10×16 is twice 10×8 , you have only to divide 10×16 by 2. and you have the quantity contained in a stick of

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10×8. Where neither the breadth nor the depth is in the Table; for instance, 7×8, find out the quantity in a stick of the same length, 14×16: divide that by 4, and you have the contents required.

The contents of a stick of round Timber, when squared, can be ascertained, with a small variation, by the same Table. Where the stick is of equal diameter, gird it in the middle with a small cord, and take $\frac{1}{2}$ of the girt for the square of the side; where it is tapering, gird it in two or more places, and divide the sum of the girt for the mean girt, which when found, $\frac{1}{2}$ will be the side of the square, the contents of which will be nearly the same as a stick of square Timber of the same dimensions.

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	9 by 9			9 by 10			9 by 11			9 by 12		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	10	1	6	11	3	0	12	4	6	13	6	0
19	10	8	3	11	10	6	13	0	9	14	3	0
20	11	3	0	12	6	0	13	9	0	15	0	0
21	11	9	9	13	1	6	14	5	3	15	9	0
22	12	4	6	13	9	0	15	1	6	16	6	0
23	12	11	3	14	4	6	15	9	9	17	3	0
24	13	6	0	15	0	0	16	6	0	18	0	0
25	14	0	9	15	7	6	17	2	3	18	9	0
26	14	7	6	16	3	0	17	10	6	19	6	0
27	15	2	3	16	10	6	18	6	9	20	3	0
28	15	9	0	17	6	0	19	3	0	21	0	0
29	16	3	9	18	1	6	19	11	3	21	9	0
30	16	10	6	18	9	0	20	7	6	22	6	0
31	17	5	3	19	4	6	21	3	9	23	3	0
32	18	0	0	20	0	0	22	0	0	24	0	0
33	18	6	9	20	7	6	22	8	3	24	9	0
34	19	1	6	21	3	0	23	4	6	25	6	0
35	19	8	3	21	10	6	24	0	9	26	3	0
36	20	3	0	22	6	0	24	9	0	27	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the side in Inches.</i>											
	9 by 13			9 by 14			9 by 15			9 by 16		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	14	7	6	15	9	0	16	10	6	18	0	0
19	15	5	3	16	7	6	17	9	9	19	0	0
20	16	3	0	17	6	0	18	9	0	20	0	0
21	17	0	9	18	4	6	19	8	3	21	0	0
22	17	10	6	19	3	0	20	7	6	22	0	0
23	18	8	3	20	1	6	21	6	9	23	0	0
24	19	6	0	21	0	0	22	6	0	24	0	0
25	20	3	9	21	10	6	23	5	3	25	0	0
26	21	1	6	22	9	0	24	4	6	26	0	0
27	21	11	3	23	7	6	25	3	9	27	0	0
28	22	9	0	24	6	0	26	3	0	28	0	0
29	23	6	9	25	4	6	27	2	3	29	0	0
30	24	4	6	26	3	0	28	1	6	30	0	0
31	25	2	3	27	1	6	29	0	9	31	0	0
32	26	0	0	28	0	0	30	0	0	32	0	0
33	26	9	9	28	10	6	30	11	3	33	0	0
34	27	7	6	29	9	0	31	10	6	34	0	0
35	28	5	3	30	7	6	32	9	9	35	0	0
36	29	3	0	31	6	0	33	9	0	36	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	9 by 17			9 by 18			9 by 19			9 by 20		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	19	1	6	20	3	0	21	4	6	22	6	0
19	20	2	3	21	4	6	22	6	9	23	9	0
20	21	3	0	22	6	0	23	9	0	25	0	0
21	22	3	9	23	7	6	24	11	3	26	3	0
22	23	4	6	24	9	0	26	1	6	27	6	0
23	24	5	3	25	10	6	27	3	9	28	9	0
24	25	6	0	27	0	0	28	6	0	30	0	0
25	26	6	9	28	1	6	29	8	3	31	3	0
26	27	7	6	29	3	0	30	10	6	32	6	0
27	28	8	3	30	4	6	32	0	9	33	9	0
28	29	9	0	31	6	0	33	3	0	35	0	0
29	30	9	9	32	7	6	34	5	3	36	3	0
30	31	10	6	33	9	0	35	7	6	37	6	0
31	32	11	3	34	10	6	36	9	9	38	9	0
32	34	0	0	36	0	0	38	0	0	40	0	0
33	35	0	9	37	1	6	39	2	3	41	3	0
34	36	1	6	38	3	0	40	4	6	42	6	0
35	37	2	3	39	4	6	41	6	9	43	9	0
36	38	3	0	40	6	0	42	9	0	45	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	9 by 21			10 by 10			10 by 11			10 by 12		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	23	7	6	12	6	0	13	9	0	15	0	0
19	24	11	3	13	2	4	14	6	2	15	10	0
20	26	3	0	13	10	8	15	3	4	16	8	0
21	27	6	9	14	7	0	16	0	6	17	6	0
22	28	10	6	15	3	4	16	9	8	18	4	0
23	30	2	3	15	11	8	17	6	10	19	2	0
24	31	6	0	16	8	0	18	4	0	20	0	0
25	32	9	9	17	4	4	19	1	2	20	10	0
26	34	1	6	18	0	8	19	10	4	21	8	0
27	35	5	3	18	9	0	20	7	6	22	6	0
28	36	9	0	19	5	4	21	4	8	23	4	0
29	38	0	9	20	1	8	22	1	10	24	2	0
30	39	4	6	20	10	0	22	11	0	25	0	0
31	40	8	3	21	6	4	23	8	2	25	10	0
32	42	0	0	22	2	8	24	5	4	26	8	0
33	43	3	9	22	11	0	25	2	6	27	6	0
34	44	7	6	23	7	4	25	11	8	28	4	0
35	45	11	3	24	3	8	26	8	10	29	2	0
36	47	3	0	25	0	0	27	6	0	30	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	10 by 13			10 by 14			10 by 15			10 by 16		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	16	3	0	17	6	0	18	9	0	20	0	0
19	17	1	10	18	5	8	19	9	6	21	1	4
20	18	0	8	19	5	4	20	10	0	22	2	8
21	18	11	6	20	5	0	21	10	6	23	4	0
22	19	10	4	21	4	8	22	11	0	24	5	4
23	20	9	2	22	4	4	23	11	6	25	6	8
24	21	8	0	23	4	0	25	0	0	26	8	0
25	22	6	10	24	3	8	26	0	6	27	9	4
26	23	5	8	25	3	4	27	1	0	28	10	8
27	24	4	6	26	3	0	28	1	6	30	0	0
28	25	3	4	27	2	8	29	2	0	31	1	4
29	26	2	2	28	2	4	30	2	6	32	2	8
30	27	1	0	29	2	0	31	3	0	33	4	0
31	27	11	10	30	1	8	32	3	6	34	5	4
32	28	10	8	31	1	4	33	4	0	35	6	8
33	29	9	6	32	1	0	34	4	6	36	8	0
34	30	8	4	33	0	8	35	5	0	37	9	4
35	31	7	2	34	0	4	36	5	6	38	10	8
36	32	6	0	35	0	0	37	6	0	40	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	10 by 17			10 by 18			10 by 19			10 by 20		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	21	3	0	22	6	0	23	9	0	25	0	0
19	22	5	2	23	9	0	25	0	10	26	4	8
20	23	7	4	25	0	0	26	4	8	27	9	4
21	24	9	6	26	3	0	27	8	6	29	2	0
22	25	11	8	27	6	0	29	0	4	30	6	8
23	27	1	10	28	9	0	30	4	2	31	11	4
24	28	4	0	30	0	0	31	8	0	33	4	0
25	29	6	2	31	3	0	32	11	10	34	8	8
26	30	8	4	32	6	0	34	3	8	36	1	4
27	31	10	6	33	9	0	35	7	6	37	6	0
28	33	0	8	35	0	0	36	11	4	38	10	8
29	34	2	10	36	3	0	38	3	2	40	3	4
30	35	5	0	37	6	0	39	7	0	41	8	0
31	36	7	2	38	9	0	40	10	10	43	0	8
32	37	9	4	40	0	0	42	2	8	44	5	4
33	38	11	6	41	3	0	43	6	6	45	10	0
34	40	1	8	42	6	0	44	10	4	47	2	8
35	41	3	10	43	9	0	46	2	2	48	7	4
36	42	6	0	45	0	0	47	6	0	50	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	10 by 21			11 by 11			11 by 12			11 by 13		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	26	3	0	15	1	6	16	6	0	7	10	6
19	27	8	6	15	11	7	17	5	0	18	10	5
20	29	2	0	16	9	8	18	4	0	19	10	4
21	30	7	6	17	7	9	19	3	0	20	10	3
22	32	1	0	18	5	10	20	2	0	21	10	2
23	33	6	6	19	3	11	21	1	0	22	10	1
24	35	0	0	20	2	0	22	0	0	23	10	0
25	36	5	6	21	0	1	22	11	0	24	9	11
26	37	11	0	21	10	2	23	10	0	25	9	10
27	39	4	6	22	8	3	24	9	0	26	9	9
28	40	10	0	23	6	4	25	8	0	27	9	8
29	42	3	6	24	4	5	26	7	0	28	9	7
30	43	9	0	25	2	6	27	6	0	29	9	6
31	45	2	6	26	0	7	28	5	0	30	9	5
32	46	8	0	26	10	8	29	4	0	31	9	4
33	48	1	6	27	8	9	30	3	0	32	9	3
34	49	7	0	28	6	10	31	2	0	33	9	2
35	51	0	6	29	4	11	32	1	0	34	9	1
36	52	6	0	30	3	0	33	0	0	35	9	0

B

TIMBER.

Square of the Side in Inches.

Length in Feet.	Square of the Side in Inches.											
	11 by 14			11 by 15			11 by 16			11 by 17		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	19	3	0	20	7	6	22	0	0	23	4	6
19	20	3	10	21	9	3	23	2	8	24	8	1
20	21	4	8	22	11	0	24	5	4	25	11	9
21	22	5	6	24	0	9	25	8	0	27	3	8
22	23	6	4	25	2	6	26	10	8	28	6	10
23	24	7	2	26	4	3	28	1	4	29	10	5
24	25	8	0	27	6	0	29	4	0	31	2	0
25	26	8	10	28	7	9	30	6	8	32	5	7
26	27	9	8	29	9	6	31	9	4	33	9	2
27	28	10	6	30	11	3	33	0	0	35	0	9
28	29	11	4	32	1	0	34	2	8	36	4	4
29	31	0	2	33	2	9	35	5	4	37	7	11
30	32	1	0	34	4	6	36	8	0	38	11	6
31	33	1	10	35	6	3	37	10	8	40	3	1
32	34	2	8	36	8	0	39	1	4	41	6	8
33	35	3	6	37	9	9	40	4	0	42	10	3
34	36	4	4	38	11	6	41	6	8	44	1	10
35	37	5	2	40	1	3	42	9	4	45	5	5
36	38	6	0	41	3	0	44	0	0	46	9	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	11 by 18			11 by 19			11 by 20			11 by 21		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	24	9	0	26	1	6	27	6	0	28	10	6
19	26	1	6	27	6	11	29	0	4	30	5	9
20	27	6	0	29	0	4	30	6	8	32	1	0
21	28	10	6	30	5	9	32	1	0	33	8	3
22	30	3	0	31	11	2	33	7	4	35	3	6
23	31	7	6	33	4	7	35	1	8	36	10	9
24	33	0	0	34	10	0	36	8	0	38	6	0
25	34	4	6	36	3	5	38	2	4	40	1	3
26	35	9	0	37	8	10	39	8	8	41	8	6
27	37	1	6	39	2	3	41	3	0	43	3	9
28	38	6	0	40	7	8	42	9	4	44	11	0
29	39	10	6	42	1	1	44	3	8	46	6	3
30	41	3	0	43	6	6	45	10	0	48	1	6
31	42	7	6	44	11	11	47	4	4	49	8	9
32	44	0	0	46	5	4	48	10	8	51	4	0
33	45	4	6	47	10	9	50	5	0	52	11	3
34	46	9	0	49	4	2	51	11	4	54	6	6
35	48	1	6	50	9	7	53	5	8	56	1	9
36	49	6	0	52	3	0	55	0	0	57	9	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	12 by 12			12 by 13			12 by 14			12 by 15		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	18	0	0	19	6	0	21	0	0	22	6	0
19	19	0	0	20	7	0	22	2	0	23	9	0
20	20	0	0	21	8	0	23	4	0	25	0	0
21	21	0	0	22	9	0	24	6	0	26	3	0
22	22	0	0	23	10	0	25	8	0	27	6	0
23	23	0	0	24	11	0	26	10	0	28	9	0
24	24	0	0	26	0	0	28	0	0	30	0	0
25	25	0	0	27	1	0	29	2	0	31	3	0
26	26	0	0	28	2	0	30	4	0	32	6	0
27	27	0	0	29	3	0	31	6	0	33	9	0
28	28	0	0	30	4	0	32	8	0	35	0	0
29	29	0	0	31	5	0	33	10	0	36	3	0
30	30	0	0	32	6	0	35	0	0	37	6	0
31	31	0	0	33	7	0	36	2	0	38	9	0
32	32	0	0	34	8	0	37	4	0	40	0	0
33	33	0	0	35	9	0	38	6	0	41	3	0
34	34	0	0	36	10	0	39	8	0	42	6	0
35	35	0	0	37	11	0	40	10	0	43	9	0
36	36	0	0	39	0	0	42	0	0	45	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	12 by 16			12 by 17			12 by 18			12 by 19		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	24	0	0	25	6	0	27	0	0	28	6	0
19	25	4	0	26	11	0	28	6	0	30	1	0
20	26	8	0	28	4	0	30	0	0	31	8	0
21	28	0	0	29	9	0	31	6	0	33	3	0
22	29	4	0	31	2	0	33	0	0	34	10	0
23	30	8	0	32	7	0	34	6	0	36	5	0
24	32	0	0	34	0	0	36	0	0	38	0	0
25	33	4	0	35	5	0	37	6	0	39	7	0
26	34	8	0	36	10	0	39	0	0	41	2	0
27	36	0	0	38	3	0	40	6	0	42	9	0
28	37	4	0	39	8	0	42	0	0	44	4	0
29	38	8	0	41	1	0	43	6	0	45	11	0
30	40	0	0	42	6	0	45	0	0	47	6	0
31	41	4	0	43	11	0	46	6	0	49	1	0
32	42	8	0	45	4	0	48	0	0	50	8	0
33	44	0	0	46	9	0	49	6	0	52	3	0
34	45	4	0	48	2	0	51	0	0	53	10	0
35	46	8	0	49	7	0	52	6	0	55	5	0
36	48	0	0	51	0	0	54	0	0	57	0	0

B*

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	12 by 20			12 by 21			12 by 22			12 by 23		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	30	0	0	31	6	0	33	0	0	34	0	0
19	31	8	0	33	3	0	34	10	0	36	5	0
20	33	4	0	35	0	0	36	8	0	38	4	0
21	35	0	0	36	9	0	38	6	0	40	3	0
22	36	8	0	38	6	0	40	4	0	42	2	0
23	38	4	0	40	3	0	42	2	0	44	1	0
24	40	0	0	42	0	0	44	0	0	46	0	0
25	41	8	0	43	9	0	45	10	0	47	11	0
26	43	4	0	45	6	0	47	8	0	49	10	0
27	45	0	0	47	3	0	49	6	0	51	9	0
28	46	8	0	49	0	0	51	4	0	53	8	0
29	48	4	0	50	9	0	53	2	0	55	7	0
30	50	0	0	52	6	0	55	0	0	57	6	0
31	51	8	0	54	3	0	56	10	0	59	5	0
32	53	4	0	56	0	0	58	8	0	61	4	0
33	55	0	0	57	9	0	60	6	0	63	3	0
34	56	8	0	59	6	0	62	4	0	65	2	0
35	58	4	0	61	3	0	64	2	0	67	1	0
36	60	0	0	63	0	0	66	0	0	69	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	12 by 24			13 by 13			13 by 14			13 by 15		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
15	36	0	0	21	1	6	22	9	0	24	4	6
19	38	0	0	22	3	7	24	0	2	25	8	9
20	40	0	0	23	5	8	25	3	4	27	1	0
21	42	0	0	24	7	9	26	6	6	28	5	3
22	44	0	0	25	9	10	27	9	8	29	9	6
23	46	0	0	26	11	11	29	0	10	31	1	9
24	48	0	0	28	2	0	30	4	0	32	6	0
25	50	0	0	29	4	1	31	7	2	33	10	3
26	52	0	0	30	6	2	32	10	4	35	2	6
27	54	0	0	31	8	3	34	1	6	36	6	9
28	56	0	0	32	10	4	35	4	8	37	11	0
29	58	0	0	34	0	5	36	7	10	39	3	8
30	60	0	0	35	2	6	37	11	0	40	7	6
31	62	0	0	36	4	7	39	2	2	41	11	9
32	64	0	0	37	6	8	40	5	4	43	4	0
33	66	0	0	38	8	9	41	8	6	44	8	3
34	68	0	0	39	10	10	42	11	8	46	0	6
35	70	0	0	41	0	11	44	2	10	47	4	9
36	72	0	0	42	3	0	45	6	0	48	9	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	13 by 16			13 by 17			13 by 18			13 by 19		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	26	0	0	27	7	6	29	3	0	30	10	6
19	27	5	4	29	1	11	30	10	6	32	7	1
20	28	10	8	30	8	4	32	6	0	34	3	8
21	30	4	0	32	2	9	34	1	6	36	0	3
22	31	9	4	33	9	2	35	9	0	37	8	10
23	33	2	8	35	3	7	37	4	6	39	5	5
24	34	8	0	36	10	0	39	0	0	41	2	0
25	36	1	4	38	4	5	40	7	6	42	10	7
26	37	6	8	39	10	10	42	3	0	44	7	2
27	39	0	0	41	5	3	43	10	6	46	3	9
28	40	5	4	42	11	8	45	6	0	48	0	4
29	41	10	8	44	6	1	47	1	6	49	8	11
30	43	4	0	46	0	6	48	9	0	51	5	6
31	44	9	4	47	6	11	50	4	6	53	2	1
32	46	2	8	49	1	4	52	0	0	54	10	8
33	47	8	0	50	7	9	53	7	6	56	7	3
34	49	1	4	52	2	2	55	3	0	58	3	10
35	50	6	8	53	8	7	56	10	6	60	0	5
36	52	0	0	55	3	0	58	6	0	61	9	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	13 by 20			13 by 21			13 by 22			13 by 23		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	32	6	0	34	1	6	35	9	0	37	4	6
19	34	3	8	36	0	3	37	8	10	39	5	5
20	36	1	4	37	11	0	39	8	8	41	6	4
21	37	11	0	39	9	9	41	8	6	43	7	3
22	39	8	8	41	8	6	43	8	4	45	8	2
23	41	6	4	43	7	3	45	8	2	47	9	1
24	43	4	0	45	6	0	47	8	0	49	10	0
25	45	1	8	47	4	9	49	7	10	51	10	11
26	46	11	4	49	3	6	51	7	8	53	11	10
27	48	9	0	51	2	3	53	7	6	56	0	9
28	50	6	8	53	1	0	55	7	4	58	1	8
29	52	4	4	54	11	9	57	7	2	60	2	7
30	54	2	0	56	10	6	59	7	0	62	3	6
31	55	11	8	58	9	3	61	6	10	64	4	5
32	57	9	4	60	8	0	63	6	8	66	5	4
33	59	7	0	62	6	9	65	6	6	68	6	3
34	61	4	8	64	5	6	67	6	4	70	7	2
35	63	2	4	66	4	3	69	6	2	72	8	1
36	65	0	0	68	3	0	71	6	0	74	9	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	13 by 24			14 by 14			14 by 15			14 by 16		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	39	0	0	24	6	0	26	3	0	28	0	0
19	41	2	0	25	10	4	27	8	6	29	6	8
20	43	4	0	27	2	8	29	2	0	31	1	4
21	45	6	0	28	7	0	30	7	6	32	8	0
22	47	8	0	29	11	4	32	1	0	34	2	8
23	49	10	0	31	3	8	33	6	6	35	9	4
24	52	0	0	32	8	0	35	0	0	37	4	0
25	54	2	0	34	0	4	36	5	6	38	10	8
26	56	4	0	35	4	8	37	11	0	40	5	4
27	58	6	0	36	9	0	39	4	6	42	0	0
28	60	8	0	38	1	4	40	10	0	43	6	8
29	62	10	0	39	5	8	42	3	6	45	1	4
30	65	0	0	40	10	0	43	9	0	46	8	0
31	67	2	0	42	2	4	45	2	6	48	2	8
32	69	4	0	43	6	8	46	8	0	49	9	4
33	71	6	0	44	11	0	48	1	6	51	4	0
34	73	8	0	46	3	4	49	7	0	52	10	8
35	75	10	0	47	7	8	51	0	6	54	5	4
36	78	0	0	49	0	0	52	6	0	56	0	0

TIMBER.

Square of the Side in Inches.

<i>Length in Feet.</i>	<i>Square of the Side in Inches.</i>											
	14 by 17			14 by 18			14 by 19			14 by 20		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	29	9	0	31	6	0	33	3	0	35	0	0
19	31	4	10	33	3	0	35	1	2	36	11	4
20	33	0	8	35	0	0	36	11	4	38	10	8
21	34	8	6	36	9	0	38	9	6	40	10	0
22	36	4	4	38	6	0	40	7	8	42	9	4
23	38	0	2	40	3	0	42	5	10	44	8	8
24	39	8	0	42	0	0	44	4	0	46	8	0
25	41	3	10	43	9	0	46	2	2	48	7	4
26	42	11	8	45	6	0	48	0	4	50	6	8
27	44	7	6	47	3	0	49	10	6	52	6	0
28	46	3	4	49	0	0	51	8	8	54	5	4
29	47	11	2	50	9	0	53	6	10	56	4	8
30	49	7	0	52	6	0	55	5	0	58	4	0
31	51	2	10	54	3	0	57	3	2	60	3	4
32	52	10	8	56	0	0	59	1	4	62	2	8
33	54	6	6	57	9	0	60	11	6	64	2	0
34	56	2	4	59	6	0	62	9	8	66	1	4
35	57	10	2	61	3	0	64	7	10	68	0	8
36	59	6	0	63	0	0	66	6	0	70	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the side in Inches.</i>											
	14 by 21			14 by 22			14 by 23			14 by 24		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	36	9	0	38	6	0	40	3	0	42	0	0
19	38	9	6	40	7	8	42	5	10	44	4	0
20	40	10	0	42	9	4	44	8	8	46	8	0
21	42	10	6	44	11	0	46	11	6	49	0	0
22	44	11	0	47	0	8	49	2	4	51	4	0
23	46	11	6	49	2	4	51	5	2	53	8	0
24	49	0	0	51	4	0	53	8	0	56	0	0
25	51	0	6	53	5	8	55	10	10	58	4	0
26	53	1	0	55	7	4	58	1	8	60	8	0
27	55	1	6	57	9	0	60	4	6	63	0	0
28	57	2	0	59	10	8	62	7	4	65	4	0
29	59	2	6	62	0	4	64	10	2	67	8	0
30	61	3	0	64	2	0	67	1	0	70	0	0
31	63	3	6	66	3	8	69	3	10	72	4	0
32	65	4	0	68	5	4	71	6	8	74	8	0
33	67	4	6	70	7	0	73	9	6	77	0	0
34	69	5	0	72	8	8	76	0	4	79	4	0
35	71	5	6	74	10	4	78	3	2	81	8	0
36	73	6	0	77	0	0	80	6	0	84	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the side in Inches.</i>											
	15 by 15			15 by 16			15 by 17			15 by 18		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	28	1	6	30	0	0	31	10	6	33	9	0
19	29	8	3	31	8	0	33	7	9	35	7	6
20	31	3	0	33	4	0	35	5	0	37	6	0
21	32	9	9	35	0	0	37	2	3	39	4	6
22	34	4	6	36	8	0	38	11	6	41	3	0
23	35	11	3	38	4	0	40	8	9	43	1	6
24	37	6	0	40	0	0	42	6	0	45	0	0
25	39	0	9	41	8	0	44	3	3	46	10	6
26	40	7	6	43	4	0	46	0	6	48	9	0
27	42	2	3	45	0	0	47	9	9	50	7	6
28	43	9	0	46	8	0	49	7	0	52	6	0
29	45	3	9	48	4	0	51	4	3	54	4	6
30	46	10	6	50	0	0	53	1	6	56	3	0
31	48	5	3	51	8	0	54	10	9	58	1	6
32	50	0	0	53	4	0	56	8	0	60	0	0
33	51	6	9	55	0	0	58	5	3	61	10	6
34	53	1	6	56	8	0	60	2	6	63	9	0
35	54	8	3	58	4	0	61	11	9	65	7	6
36	56	3	0	60	0	0	63	9	0	67	6	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	15 by 19			15 by 20			15 by 21			15 by 22		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	35	7	6	37	6	0	39	4	0	41	3	0
19	37	7	3	39	7	0	41	6	9	43	6	6
20	39	7	0	41	8	0	43	9	0	45	10	0
21	41	6	9	43	9	0	45	11	3	48	1	6
22	43	6	6	45	10	0	48	1	6	50	5	0
23	45	6	3	47	11	0	50	3	9	52	8	6
24	47	6	0	50	0	0	52	6	0	55	0	0
25	49	5	9	52	1	0	54	8	3	57	3	6
26	51	5	6	54	2	0	56	10	6	59	7	0
27	53	5	3	56	3	0	59	0	9	61	10	6
28	55	5	0	58	4	0	61	3	0	64	2	0
29	57	4	9	60	5	0	63	5	3	66	5	6
30	59	4	6	62	6	0	65	7	6	68	9	0
31	61	4	3	64	7	0	67	9	9	71	0	6
32	63	4	0	66	8	0	70	0	0	73	4	0
33	65	3	9	68	9	0	72	2	3	75	7	6
34	67	3	6	70	10	0	74	4	6	77	11	0
35	69	3	3	72	11	0	76	6	9	80	2	6
36	71	3	0	75	0	0	78	9	0	82	6	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	15 by 23			15 by 24			16 by 16			16 by 17		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	43	1	6	45	0	0	32	0	0	34	0	0
19	45	6	8	47	6	0	33	9	4	35	10	8
20	47	11	0	50	0	0	35	6	8	37	9	4
21	50	3	9	52	6	0	37	4	0	39	8	0
22	52	8	6	55	0	0	39	1	4	41	6	8
23	55	1	8	57	6	0	40	10	8	43	5	4
24	57	6	0	60	0	0	42	8	0	45	4	0
25	59	10	9	62	6	0	44	5	4	47	2	8
26	62	3	6	65	0	0	46	2	8	49	1	4
27	64	8	3	67	6	0	48	0	0	51	0	0
28	67	1	0	70	0	0	49	9	4	52	10	8
29	69	5	9	72	6	0	51	6	8	54	9	4
30	71	10	6	75	0	0	53	4	0	56	8	0
31	74	3	3	77	6	0	55	1	4	58	6	8
32	76	8	0	80	0	0	56	10	8	60	5	4
33	79	0	9	82	6	0	58	8	0	62	4	0
34	81	5	6	85	0	0	60	5	4	64	2	8
35	83	10	3	87	6	0	62	2	8	66	1	4
36	86	3	0	90	0	0	64	0	0	68	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	16 by 18			16 by 19			16 by 20			16 by 21		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	36	0	0	38	0	0	40	0	0	42	0	0
19	38	0	0	40	1	4	42	2	8	44	4	0
20	40	0	0	42	2	8	44	5	4	46	8	0
21	42	0	0	44	4	0	46	8	0	49	0	0
22	44	0	0	46	5	4	48	10	8	51	4	0
23	46	0	0	48	6	8	51	1	4	53	8	0
24	48	0	0	50	8	0	53	4	0	56	0	0
25	50	0	0	52	9	4	55	6	8	58	4	0
26	52	0	0	54	10	8	57	9	4	60	8	0
27	54	0	0	57	0	0	60	0	0	63	0	0
28	56	0	0	59	1	4	62	2	8	65	4	0
29	58	0	0	61	2	8	64	5	4	67	8	0
30	60	0	0	63	4	0	66	8	0	70	0	0
31	62	0	0	65	5	4	68	10	8	72	4	0
32	64	0	0	67	6	8	71	1	4	74	8	0
33	66	0	0	69	8	0	73	4	0	77	0	0
34	68	0	0	71	9	4	75	6	8	79	4	0
35	70	0	0	73	10	8	77	9	4	81	8	0
36	72	0	0	76	0	0	80	0	0	84	0	0

Length in Feet.	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	16 by 22			16 by 23			16 by 24			17 by 17		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	44	0	0	46	0	0	48	0	0	36	1	6
19	46	5	4	48	6	8	50	8	0	38	1	7
20	48	10	8	51	1	4	53	4	0	40	1	8
21	51	4	0	53	8	0	56	0	0	42	1	9
22	53	9	4	56	2	8	58	8	0	44	1	10
23	56	2	8	58	9	4	61	4	0	46	1	11
24	58	8	0	61	4	0	64	0	0	48	2	0
25	61	1	4	63	10	8	66	8	0	50	2	1
26	63	6	8	66	5	4	69	4	0	52	2	2
27	66	0	0	69	0	0	72	0	0	54	2	3
28	68	5	4	71	6	8	74	8	0	56	2	4
29	70	10	8	74	1	4	77	4	0	58	2	5
30	73	4	0	76	8	0	80	0	0	60	2	6
31	75	9	4	79	2	8	82	8	0	62	2	7
32	78	2	8	81	9	4	85	4	0	64	2	8
33	80	8	0	84	4	0	88	0	0	66	2	9
34	83	1	4	86	10	8	90	8	0	68	2	10
35	85	6	8	89	5	4	93	4	0	70	2	11
36	88	0	0	92	0	0	96	0	0	72	3	0

C*

TIMBER.

Square of the Side in Inches.

17 by 18 | 17 by 19 | 17 by 20 | 17 by 21

<i>Length in Feet.</i>	<i>Square of the Side in Inches.</i>											
	17 by 18			17 by 19			17 by 20			17 by 21		
<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	
18	38	3	0	40	4	6	42	6	0	44	7	6
19	40	4	6	42	7	5	44	10	4	47	1	3
20	42	6	0	44	10	4	47	2	8	49	7	0
21	44	7	6	47	1	3	49	7	0	52	0	9
22	46	9	0	49	4	2	51	11	4	54	6	6
23	48	10	6	51	7	1	54	3	8	57	0	3
24	51	0	0	53	10	0	56	8	0	59	6	0
25	53	1	6	56	0	11	59	0	4	61	11	9
26	55	3	0	58	3	10	61	4	8	64	5	6
27	57	4	6	60	6	9	63	9	0	66	11	3
28	59	6	0	62	9	8	66	1	4	69	5	0
29	61	7	6	65	0	7	68	5	8	71	10	9
30	63	9	0	67	3	6	70	10	0	74	4	6
31	65	10	6	69	6	5	73	2	4	76	10	3
32	68	0	0	71	9	4	75	6	8	79	4	0
33	70	1	6	74	0	3	77	11	0	81	9	9
34	72	3	0	76	3	2	80	3	4	84	3	6
35	74	4	6	78	6	1	82	7	8	86	9	3
36	76	6	0	80	9	0	85	0	0	89	3	0

Length in Feet.	TIMBER.											
	Square of the Side in Inches.											
	17 by 22			17 by 23			17 by 24			18 by 18		
Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	
18	46	9	0	48	10	6	51	0	0	40	6	0
19	49	4	2	51	7	1	53	10	0	42	9	0
20	51	11	4	54	3	8	56	8	0	45	0	0
21	54	6	6	57	0	3	59	6	0	47	3	0
22	57	1	8	59	8	10	62	4	0	49	6	0
23	59	8	10	62	5	5	65	2	0	51	9	0
24	62	4	0	65	2	0	68	0	0	54	0	0
25	64	11	2	67	10	7	70	10	0	56	3	0
26	67	6	4	70	7	2	73	8	0	58	6	0
27	70	1	6	73	3	9	76	6	0	60	9	0
28	72	8	8	76	0	4	79	4	0	63	0	0
29	75	3	10	78	8	11	82	2	0	65	3	0
30	77	11	0	81	5	6	85	0	0	67	6	0
31	80	6	2	84	2	1	87	10	0	69	9	0
32	83	1	4	86	10	8	90	8	0	72	0	0
33	85	8	6	89	7	3	93	6	0	74	3	0
34	88	3	8	92	3	10	96	4	0	76	6	0
35	90	10	10	95	0	5	99	2	0	78	9	0
36	93	6	0	97	9	0	102	0	0	81	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	18 by 19			18 by 20			18 by 21			18 by 22		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	42	9	0	45	0	0	47	3	0	49	6	0
19	45	1	6	47	6	0	49	10	6	52	3	0
20	47	6	0	50	0	0	52	6	0	55	0	0
21	49	10	6	52	6	0	55	1	6	57	9	0
22	52	3	0	55	0	0	57	9	0	60	6	0
23	54	7	6	57	6	0	60	4	6	63	3	0
24	57	0	0	60	0	0	63	0	0	66	0	0
25	59	4	6	62	6	0	65	7	6	68	9	0
26	61	9	0	65	0	0	68	3	0	71	6	0
27	64	1	6	67	6	0	70	10	6	74	3	0
28	66	6	0	70	0	0	73	6	0	77	0	0
29	68	10	6	72	6	0	76	1	6	79	9	0
30	71	3	0	75	0	0	78	9	0	82	6	0
31	73	7	6	77	6	0	81	4	6	85	3	0
32	76	0	0	80	0	0	84	0	0	88	0	0
33	78	4	6	82	6	0	86	7	6	90	9	0
34	80	9	0	85	0	0	89	3	0	93	6	0
35	83	1	6	87	6	0	91	10	6	96	3	0
36	85	6	0	90	0	0	94	6	0	99	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	18 by 23			18 by 24			19 by 19			19 by 20		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	1	9	0	54	0	0	45	1	6	47	6	0
19	54	7	6	57	0	0	47	7	7	50	1	8
20	57	6	0	60	0	0	50	1	8	52	9	4
21	60	4	6	63	0	0	52	7	9	55	5	0
22	63	3	0	66	0	0	55	1	10	58	0	8
23	66	1	6	69	0	0	57	7	11	60	8	4
24	69	0	0	72	0	0	60	2	0	63	4	0
25	71	10	6	75	0	0	62	8	1	65	11	8
26	74	9	0	78	0	0	65	2	2	68	7	4
27	77	7	6	81	0	0	67	8	3	71	3	0
28	80	6	0	84	0	0	70	2	4	73	10	8
29	83	4	6	87	0	0	72	8	5	76	6	4
30	86	3	0	90	0	0	75	2	6	79	2	0
31	89	1	6	93	0	0	77	8	7	81	9	8
32	92	0	0	96	0	0	80	2	8	84	5	4
33	94	10	6	99	0	0	82	8	9	87	1	0
34	97	9	0	102	0	0	85	2	10	89	8	8
35	100	7	6	105	0	0	87	8	11	92	4	4
36	103	6	0	108	0	0	90	3	0	95	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	19 by 21			19 by 22			19 by 23			19 by 24		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	49	10	6	52	3	0	54	7	6	57	0	0
19	52	7	9	55	1	10	57	7	11	60	2	0
20	55	5	0	58	0	8	60	8	4	63	4	0
21	58	2	3	60	11	6	63	8	9	66	6	0
22	60	11	6	63	10	4	66	9	2	69	8	0
23	63	8	9	66	9	2	69	9	7	72	10	0
24	66	6	0	69	8	0	72	10	0	76	0	0
25	69	3	3	72	6	10	75	10	5	79	2	0
26	72	0	6	75	5	8	78	10	10	82	4	0
27	74	9	9	78	4	6	81	11	3	85	6	0
28	77	7	0	81	3	4	84	11	8	88	8	0
29	80	4	3	84	2	2	88	0	1	91	10	0
30	83	1	6	87	1	0	91	0	6	95	0	0
31	85	10	9	89	11	10	94	0	11	98	2	0
32	88	8	0	92	10	8	97	1	4	101	4	0
33	91	5	3	95	9	6	100	1	9	104	6	0
34	94	2	6	98	8	4	103	2	2	107	8	0
35	96	11	9	101	7	2	106	2	7	110	10	0
36	99	9	0	104	6	0	109	3	0	114	0	0

Length in Feet.

TIMBER.

Square of the Side in Inches.

	20 by 20			20 by 21			20 by 22			20 by 23		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	50	0	0	52	6	0	55	0	0	57	6	0
19	52	9	4	55	5	0	58	0	8	60	8	4
20	55	6	8	58	4	0	61	1	4	63	10	8
21	58	4	0	61	3	0	64	2	0	67	1	0
22	61	1	4	64	2	0	67	2	9	70	3	4
23	63	10	8	67	1	0	70	3	4	73	5	8
24	66	8	0	70	0	0	73	4	0	76	8	0
25	69	5	4	72	11	0	76	4	8	79	10	4
26	72	2	8	75	10	0	79	5	4	83	0	8
27	75	0	0	78	9	0	82	6	0	86	3	0
28	77	9	4	81	8	0	85	6	8	89	5	4
29	80	6	8	84	7	0	88	7	4	92	7	8
30	83	4	0	87	6	0	91	8	0	95	10	0
31	86	1	4	90	5	0	94	8	8	99	0	4
32	88	10	8	93	4	0	97	9	4	102	2	8
33	91	8	0	96	3	0	100	10	0	105	5	0
34	94	5	4	99	2	0	103	10	8	108	7	4
35	97	2	8	102	1	0	106	11	4	111	9	8
36	100	0	0	105	0	0	110	0	0	115	0	0

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	20 by 24			21 by 21			21 by 22			21 by 23		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	60	0	0	55	1	6	57	9	0	60	4	6
19	63	4	0	58	2	3	60	11	6	63	8	9
20	66	8	0	61	3	0	64	2	0	67	1	0
21	70	0	0	64	3	9	67	4	6	70	5	3
22	73	4	0	67	4	6	70	7	0	73	9	6
23	76	8	0	70	5	3	73	9	6	77	1	9
24	80	0	0	73	6	0	77	0	0	80	6	0
25	83	4	0	76	6	9	80	2	6	83	10	3
26	86	8	0	79	7	6	83	5	0	87	2	6
27	90	0	0	82	8	3	86	7	6	90	6	9
28	93	4	0	85	9	0	89	10	0	93	11	0
29	96	8	0	88	9	9	93	0	6	97	3	3
30	100	0	0	91	10	6	96	3	0	100	7	6
31	103	4	0	94	11	3	99	5	6	103	11	9
32	106	8	0	98	0	0	102	8	0	107	4	0
33	110	0	0	101	0	9	105	10	6	110	8	3
34	113	4	0	104	1	6	109	1	0	114	0	6
35	116	8	0	107	2	3	112	3	6	117	4	9
36	120	0	0	110	3	0	115	6	0	120	9	0

Length in Feet.	TIMBER.											
	Square of the Side in Inches.											
	21 by 24			22 by 22			22 by 23			22 by 24		
Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	
18	63	0	0	60	0	0	63	3	0	66	0	0
19	66	6	0	63	10	4	66	9	2	69	8	0
20	70	0	0	67	2	8	70	3	4	73	4	0
21	73	6	0	70	7	0	73	9	6	77	0	0
22	77	0	0	73	11	4	77	3	8	80	8	0
23	80	6	0	77	3	8	80	9	10	84	4	0
24	84	0	0	80	8	0	84	4	0	88	0	0
25	87	6	0	84	0	4	87	10	2	91	8	0
26	91	0	0	87	4	8	91	4	4	95	4	0
27	94	6	0	90	9	0	94	10	6	99	0	0
28	98	0	0	94	1	4	98	4	8	102	8	0
29	101	6	0	97	5	8	101	10	10	106	4	0
30	105	0	0	100	10	0	105	5	0	110	0	0
31	108	6	0	104	2	4	108	11	2	113	8	0
32	112	0	0	107	6	8	112	5	4	117	4	0
33	115	6	0	110	11	0	115	11	6	121	0	0
34	119	0	0	114	3	4	119	5	8	124	8	0
35	122	6	0	117	7	8	122	11	10	128	4	0
36	126	0	0	121	0	0	126	6	0	132	0	0

D

<i>Length in Feet.</i>	TIMBER.											
	<i>Square of the Side in Inches.</i>											
	23 by 23			23 by 24			24 by 24			24 by 25		
	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>	<i>Feet.</i>	<i>Inches.</i>	<i>Parts.</i>
18	66	1	6	69	0	0	72	0	0	75	0	0
19	69	9	7	72	10	0	76	0	0	79	2	0
20	73	5	8	76	8	0	80	0	0	83	4	0
21	77	1	9	80	6	0	84	0	0	87	6	0
22	80	9	10	84	4	0	88	0	0	91	8	0
23	84	5	11	88	2	0	92	0	0	95	10	0
24	88	2	0	92	0	0	96	0	0	100	0	0
25	91	10	1	95	10	0	100	0	0	104	2	0
26	95	6	2	99	8	0	104	0	0	108	4	0
27	99	2	3	103	6	0	108	0	0	112	6	0
28	102	10	4	107	4	0	112	0	0	116	8	0
29	106	6	5	111	2	0	116	0	0	120	10	0
30	110	2	6	115	0	0	120	0	0	125	0	0
31	113	10	7	118	10	0	124	0	0	129	2	0
32	117	6	8	122	8	0	128	0	0	133	4	0
33	121	2	9	126	6	0	132	0	0	137	6	0
34	124	10	10	130	4	0	136	0	0	141	8	0
35	128	6	11	134	2	0	140	0	0	145	10	0
36	132	3	0	138	0	0	144	0	0	150	0	0

SAW-LOGS
REDUCED TO
BOARD MEASURE.

SAW-LOGS REDUCED TO BOARD MEASURE.

The following Table gives the quantity of Boards produced from a Saw-Log of different dimensions. Example—I sell to a miller a Log 15 feet long, and 18 inches diameter at the small end, at a given price per thousand feet, board measure : to find the quantity of boards produced from a Log of that size, refer to the column on the left, and find the length 15 feet; and under the diameter 18 inches, you find the quantity to be 184 feet; fractions omitted.

SAW-LOGS REDUCED TO BOARD MEASURE.

Length of the log in feet.	<i>Inches in diameter at small end.</i>								
	12	13	14	15	16	17	18	19	20
	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>
10	40	50	62	75	90	105	122	140	160
11	44	55	69	83	99	116	135	154	176
12	48	61	75	91	108	126	147	168	192
13	52	66	81	98	117	137	159	183	208
14	56	71	88	106	126	148	171	197	224
15	60	76	94	115	135	158	184	201	240
16	64	81	100	121	144	169	196	225	256
17	68	86	106	128	153	179	208	239	272
18	72	91	112	136	162	190	220	253	288
19	76	96	119	143	171	201	232	267	304
20	80	101	125	151	180	211	344	281	320
21	84	106	131	158	189	222	257	295	336
22	88	111	137	166	198	232	269	309	352
23	92	116	144	174	207	243	281	323	368
24	96	122	150	181	216	254	294	337	384
25	100	127	156	189	225	264	308	351	400

D*

SAW-LOGS REDUCED TO BOARD MEASURE.

Length of the log in feet.	<i>Inches in diameter at small end.</i>						
	21	22	23	24	25	26	27
	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>
10	180	202	225	250	275	302	330
11	198	223	248	275	302	333	363
12	217	243	271	300	331	363	397
13	235	263	293	325	358	393	430
14	253	283	313	350	386	423	463
15	271	303	336	375	413	453	496
16	289	324	359	400	441	484	530
17	307	344	383	425	468	514	563
18	325	364	406	450	496	544	596
19	343	384	429	475	523	574	630
20	361	404	452	500	551	605	661
21	379	425	473	525	579	635	693
22	397	445	496	550	605	665	726
23	415	465	519	575	632	695	760
24	433	486	541	600	661	726	794
25	451	506	562	625	689	756	827

SAW-LOGS REDUCED TO BOARD MEASURE.

Length of the log in feet.	<i>Inches in diameter at small end.</i>								
	28	29	30	31	32	33	34	35	36
	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>
10	360	390	422	456	490	525	562	601	640
11	396	430	465	502	539	578	619	661	704
12	432	469	507	547	588	631	675	721	768
13	468	508	549	592	637	684	731	781	832
14	504	547	591	638	686	736	787	841	896
15	540	586	633	683	735	789	844	901	960
16	576	625	676	729	784	842	900	961	1024
17	612	664	718	774	833	895	956	1021	1088
18	648	703	761	820	882	946	1012	1081	1152
19	684	742	803	865	931	999	1069	1141	1216
20	720	781	845	912	980	1051	1125	1201	1280
21	756	820	887	956	1029	1103	1181	1261	1344
22	792	859	930	1004	1078	1156	1238	1321	1408
23	826	898	972	1049	1127	1209	1295	1381	1472
24	864	938	1014	1094	1176	1262	2352	1441	1536
25	900	977	1056	1139	1225	1315	1408	1501	1600

BOARDS AND PLANKS.



The following Table gives the number of square feet and inches contained in a Board one inch thick, from 10 to 20 feet long, and from 6 to 24 inches broad; and from 21 to 55 feet long, and from 12 to 20 inches broad. The column on the left, is the length, and the caption the breadth in inches; under which, and opposite to the length of a board, you have its contents in feet and inches. Example—Required the contents of a Board 35 feet long and 20 inches broad; by reference, you will find it to be 58 feet 4 inches.

In measuring Boards, it is not customary to add the extra inches in length; but where ship or other long and thick plank is measured, it makes an essential difference, which however, in some measure may be remedied, by omitting all under 6 inches over the foot, and calling all over equal to a foot—in a large quantity, the difference will be trifling.

BOARDS AND PLANK.

Length in Feet.	Inches Wide.																			
	6	7	8	9	10	11	12	13	14	15	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
10	5	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6
11	5	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6
12	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
13	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
14	7	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
15	7	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
16	8	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
17	8	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
18	9	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
19	9	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0
20	10	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0	6	6	0

BOARDS AND PLANK.

Length in feet.	Inches Wide.																
	16	17	18	19	20	21	22	23	24	Feet.	Inches.	Feet.	Inches.				
10	13	4	14	2	15	0	15	10	3	17	6	18	4	19	2	20	0
11	14	8	15	7	16	6	17	5	4	19	3	20	2	21	1	22	0
12	16	0	17	0	18	0	19	0	0	21	0	22	0	23	0	24	0
13	17	4	18	5	19	6	20	7	8	22	9	23	10	24	11	26	0
14	18	8	19	10	21	0	22	2	4	24	6	25	8	26	10	28	0
15	20	0	21	3	22	6	23	9	0	26	3	27	6	28	9	30	0
16	21	4	22	8	24	0	25	4	8	28	0	29	4	30	8	32	0
17	22	8	24	1	25	6	26	11	4	29	9	31	2	32	7	34	0
18	24	0	25	6	27	0	28	6	0	31	6	33	0	34	6	36	0
19	25	4	26	11	28	6	30	1	8	33	3	34	10	36	5	38	0
20	26	8	28	4	30	0	31	8	4	35	0	36	8	38	4	40	0

BOARDS AND PLANK.

Length in Feet.	Inches Wide.											
	12	13	14	15	16	17	18	19	20			
21	0	9	6	3	0	29	9	6	33	3	35	0
22	0	10	8	6	4	31	2	0	34	10	36	8
23	0	11	10	8	8	32	7	6	36	5	38	4
24	0	0	0	0	0	34	0	0	38	0	40	0
25	0	1	2	3	4	35	5	6	39	7	41	8
26	0	2	4	6	8	36	10	0	41	2	43	4
27	0	3	6	9	0	38	3	6	42	9	45	0
28	0	4	8	0	4	39	8	0	44	4	46	8
29	0	5	10	3	8	41	1	6	45	11	48	4
30	0	6	0	6	0	42	6	0	47	6	50	0
31	0	7	2	9	4	43	11	6	49	1	51	8
32	0	8	4	0	8	45	4	0	50	8	53	4
33	0	9	6	3	0	46	9	6	52	3	55	0
34	0	10	8	6	4	48	2	0	53	10	56	8
35	0	11	10	9	8	49	7	6	55	5	58	4
36	0	0	0	0	0	51	0	0	57	0	6	0
37	0	1	2	3	4	52	5	6	58	7	61	8

BOARDS AND PLANK.

Length in Feet.	Inches Wide.																
	12	13	14	15	16	17	18	19	20	Feet.	Inches.	Feet.	Inches.				
36	0	41	2	44	4	47	6	50	8	53	10	57	0	60	2	63	4
39	0	42	3	45	6	48	9	52	9	55	3	58	6	61	9	65	0
40	0	43	4	46	8	50	0	53	4	56	8	60	0	63	4	66	4
41	0	44	5	47	10	51	3	54	8	58	1	61	6	64	11	68	4
42	0	45	6	49	0	52	6	56	0	59	6	63	0	66	6	70	0
43	0	46	7	50	2	53	9	57	4	60	11	64	6	68	1	71	8
44	0	47	8	51	4	55	0	58	8	62	4	66	0	69	8	73	4
45	0	48	9	52	6	56	3	59	0	63	9	67	6	71	3	75	0
46	0	49	10	53	8	57	6	61	4	65	2	69	6	72	10	76	8
47	0	50	11	54	10	58	9	62	8	66	7	70	6	74	5	78	4
48	0	52	0	56	0	60	0	64	0	68	0	72	0	76	0	80	0
49	0	53	1	57	2	61	3	65	4	69	5	73	6	77	7	81	8
50	0	54	2	58	4	62	6	66	8	70	10	75	0	79	2	83	4
51	0	55	3	59	6	63	9	68	0	72	3	76	6	80	9	85	0
52	0	56	4	60	8	65	0	69	4	73	8	78	0	82	4	86	8
53	0	57	5	61	10	66	3	70	8	75	1	79	6	83	11	88	4
54	0	58	6	63	0	67	6	72	0	76	6	81	0	85	6	90	0
55	0	59	7	64	2	68	9	73	4	77	11	82	6	87	1	91	8

TABLE
OF
WAGES AND BOARD.

P

TABLE OF WAGES AND BOARD.



The column on the left shows the number of days; the caption the rate per month. To find the amount of 16 days' work, at \$10 per month, you trace the number of days to 16; follow the line until it is under \$10, the rate per month, and you find \$6 16, omitting the lesser fractions.— That for Board in the same way. The wages are cast at 26 working days to the month; and the week's board at 6 days.

TABLE OF WAGES AT GIVEN RATES PER MONTH.

Part & Days.	Rate per month of 26 days.													
	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21
1	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	15	17	19	21	23	25	27	29	31	33	35	37	39	41
3	23	26	29	32	35	38	40	43	46	49	51	54	57	60
4	31	35	38	42	46	50	54	58	62	66	70	74	78	82
5	40	46	50	55	60	65	70	75	80	85	90	95	100	105
6	50	58	66	75	84	92	101	110	119	128	137	146	155	164
7	61	71	81	91	101	111	121	131	141	151	161	171	181	191
8	73	85	97	109	121	133	145	157	169	181	193	205	217	229
9	86	100	114	128	142	156	170	184	198	212	226	240	254	268
10	100	116	132	148	164	180	196	212	228	244	260	276	292	308
11	115	133	151	169	187	205	223	241	259	277	295	313	331	349

TABLE OF WAGES AT GIVEN RATES PER MONTH.

No. of Days.	Rate per month of 26 days.										
	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18
12	3 69	4 15	4 62	5 8	5 54	6 6	6 46	6 92			
13	4 0	4 50	5 0	5 50	6 0	6 50	7 0	7 50			
14	4 31	4 85	5 38	5 92	6 46	7 0	7 54	8 48			
15	4 62	5 19	5 77	6 35	6 92	7 50	8 8	8 65			
16	4 92	5 54	6 16	6 77	7 38	8 0	8 62	9 23			
17	5 23	5 88	6 54	7 19	7 85	8 50	9 15	9 81			
18	5 54	6 23	6 92	7 62	8 31	9 0	9 69	10 38			
19	5 85	6 58	7 31	8 4	8 77	9 50	10 23	10 96			
20	6 15	6 92	7 69	8 46	9 23	10 0	10 77	11 54			
21	6 46	7 27	8 8	8 88	9 69	10 50	11 31	12 12			
22	6 77	7 62	8 46	9 31	10 15	11 0	11 85	12 69			
23	7 8	7 96	8 85	9 73	10 62	11 50	12 38	13 27			
24	7 38	8 31	9 23	10 15	11 8	12 0	12 92	13 85			
25	7 69	8 65	9 62	10 58	11 54	12 50	13 46	14 42			
26	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0			

TABLE OF WAGES AND BOARD PER MONTH AND WEEK.

Part of Days.	Rate per month of 26 days.											Board per week 6 days.								
	\$16	\$17	\$18	\$19	\$20	\$21	10s	11s	0	5	10	15	20	25	30	35	40	45	50	
1	0 15	0 16	0 17	0 18	0 19	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20	0 20
2	0 31	0 32	0 34	0 36	0 38	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40	0 40
3	0 46	0 49	0 51	0 55	0 58	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61	0 61
4	0 62	0 66	0 69	0 73	0 77	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81	0 81
5	1 23	1 31	1 38	1 46	1 54	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62
6	1 85	1 96	2 8	2 19	2 31	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42	2 42
7	2 46	2 62	2 77	2 92	3 8	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23	3 23
8	3 8	3 27	3 46	3 65	3 85	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4
9	3 69	3 92	4 15	4 38	4 62	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85	4 85
10	4 31	4 58	4 85	5 12	5 38	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65	5 65
11	4 92	5 23	5 54	5 85	6 16	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
12	5 54	5 88	6 23	6 58	6 92	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27	7 27
13	6 15	6 54	6 92	7 31	7 69	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8
14	6 77	7 19	7 62	8 4	8 46	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88	8 88
15	7 38	7 85	8 31	8 77	9 23	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69	9 69

E*

TABLE OF WAGES PER MONTH, AND BOARD PER WEEK.

No of Days.	Rate per month of 26 days.						Board per week, 6 days.		
	\$16	\$17	\$18	\$19	\$20	\$21	Da.	13s	14s.
13	8 0	8 50	9 0	9 50	10 0	10 50	1	0 27	0 29
14	8 62	9 15	9 69	10 23	10 77	11 31	2	0 54	0 58
15	9 23	9 81	10 38	10 96	11 54	12 12	3	0 81	0 88
16	9 85	10 46	11 8	11 69	12 31	12 92	4	1 8	1 17
17	10 46	11 12	11 77	12 42	13 8	13 73	5	1 35	1 46
18	11 8	11 77	12 46	13 15	13 85	14 54	6	1 63	1 75
19	11 69	12 42	13 15	13 88	14 62	15 35	7	1 90	2 4
20	12 31	13 8	13 85	14 62	15 38	16 15	8	2 17	2 33
21	12 92	13 73	14 54	15 35	16 16	16 96	9	2 44	2 63
22	13 54	14 38	15 23	16 8	16 92	17 77	10	2 71	2 92
23	14 15	15 4	15 92	16 81	17 69	18 58	11	2 98	3 21
24	14 77	15 69	16 62	17 54	18 46	19 38	12	3 25	3 50
25	15 38	16 35	17 31	18 27	19 23	20 19	13	3 52	3 79
26	16 0	17 0	18 0	19 0	20 0	21 0	14	3 79	4 8
27	16 62	17 65	18 69	19 73	20 77	21 81	15	4 6	4 38
28	17 23	18 31	19 38	20 46	21 54	22 62	16	4 33	4 67

TABLE OF DAYS.

EXPLANATION OF TABLE OF DAYS.



On the left you have the month, from any day of which to compute the number of days to the same day in any other month--For example, you wish to know how many days there are from the 20th of January to the 20th of August; by following the line January, till you are under the month of August, gives you the number of days 212, and so for other months.

TABLE.

Showing the number of days from any day in one month, to the same day in any other.

FROM	Jan.	Feb.	March,	April,	May,	June,	July,	Aug.	Sept.	Oct.	Nov.	Dec.
Jan.	365	31	59	90	120	151	181	212	243	273	304	334
Feb.	334	365	28	59	89	120	150	181	212	242	273	303
March,	306	337	365	31	61	92	122	153	184	214	245	275
April,	275	306	334	365	30	61	91	122	153	183	214	244
May,	245	276	304	335	365	31	61	92	123	153	184	214
June,	214	245	273	394	334	365	30	61	92	122	153	183
July,	184	215	243	274	304	335	365	31	62	92	123	153
Aug.	153	184	212	248	273	304	334	365	31	61	92	122
Sept.	122	153	181	212	242	273	304	334	365	30	61	91
Oct.	92	123	151	182	212	243	273	304	335	365	31	61
Nov.	61	92	120	151	181	212	242	273	304	334	365	30
Dec.	31	52	90	121	151	182	212	243	274	304	335	365

LIST OF THE PRINCIPAL VILLAGES
On the Erie Canal, adding one mile for the Pier at Albany.

NAMES OF VILLAGES.	DISTANCE FROM				
	<i>Vil. to Vil.</i>	<i>Albany.</i>	<i>Utica.</i>	<i>Rochester.</i>	<i>Buffalo.</i>
ALBANY,	0	0	109	269	363
Troy,	7	7	103	263	357
Junction,	2	9	101	261	355
Schenectady,	20	29	81	241	335
Amsterdam,	15	44	66	226	320
Schoharie Creek,	7	51	59	219	313
Caughnewaga,	4	55	55	215	309
Spraker's Basin,	9	64	46	206	300
Canajoharie	3	67	43	203	297
Bowman's Creek,	3	70	40	200	294
Little Falls,	18	88	22	182	276
Herkimer,	7	95	15	175	269
Frankford,	5	100	10	170	264
UTICA,	9	109	0	161	255
Whitesboro',	4	113	4	157	251
Oriskany,	3	116	7	154	248
Rome,	8	124	15	146	240
Smith's,	7	131	22	139	233
Loomis',	6	137	28	133	227
Oneida Creek,	3	140	31	130	224
Canistota,	5	145	36	125	219
New Boston,	4	149	40	121	215
Chitteningo,	4	153	44	117	211
Manlius,	8	161	52	109	203
Orville,	3	164	55	106	200
Syracuse,	6	170	61	100	194
Liverpool,	2	172	63	98	192
Nine Mile Creek,	6	178	69	92	186

LIST OF THE PRINCIPAL VILLAGES

On the Erie Canal, adding one mile for the Pier at Albany.

NAMES OF VILLAGES.	DISTANCE FROM.				
	<i>Vil. to Vil.</i>	<i>Albany.</i>	<i>Utica.</i>	<i>Rochester.</i>	<i>Buffalo.</i>
Canton,	6	184	75	86	180
Jordan,	6	190	81	80	174
Weed's Basin,	6	196	87	74	168
Center Port,	1	197	88	73	167
Port Byron,	1	198	89	72	166
Bucksville,	2	200	91	71	165
Montezuma, (Lakeport.)	6	205	96	65	158
Clyde,	11	216	107	54	147
Lyons,	9	225	116	45	138
Newark,	7	232	123	38	131
Palmyra,	8	240	131	30	123
Fullam's Basin,	13	253	144	17	110
Pittsford,	6	259	150	10	104
ROCHESTER.	10	269	160	0	94
Ogden,	12	281	172	12	82
Adams' Basin,	3	284	175	15	79
Brockport,	5	289	180	20	74
Holley,	6	295	186	26	68
Newport,	10	305	196	36	58
Gaines Warehouse,	1	306	197	37	57
Portville,	3	309	200	40	54
Oak Orchard,	5	314	205	45	49
Middleport,	7	321	212	52	42
Lockport,	12	333	224	64	30
Pendleton,	8	341	232	72	22
Tonawanda,	11	352	243	83	11
Black Rock,	8	360	251	91	3
BUFFALO.	3	363	254	94	0

TABLE OF SIMPLE INTEREST—AT 7 PER CENT.
 Calculated in Dollars, Cents and Mills.

Principal.	1 week.			1 month.			3 months.			6 months.			1 year.		
	d.	c.	m.	d.	c.	m.	d.	c.	m.	d.	c.	m.	d.	c.	m.
Cents. 60	0	0	1	0	0	3	0	1	0	0	2	1	0	4	2
70	0	0	1	0	0	4	0	1	2	0	2	4	0	4	9
80	0	0	1	0	0	5	0	1	4	0	2	8	0	5	6
90	0	0	1	0	0	5	0	1	6	0	3	1	0	6	3
Dolls. 1	0	0	1	0	0	6	0	1	7	0	3	5	0	7	0
2	0	0	3	0	1	2	0	3	5	0	7	0	0	14	0
3	0	0	4	0	1	7	0	5	2	0	10	5	0	21	0
4	0	0	5	0	2	3	0	7	0	0	14	0	0	28	0
5	0	0	7	0	2	9	0	8	7	0	17	5	0	35	0
6	0	0	8	0	3	5	0	10	5	0	21	0	0	42	0
7	0	0	9	0	4	1	0	12	2	0	24	5	0	49	0
8	0	1	1	0	4	7	0	14	0	0	28	0	0	56	0
9	0	1	2	0	5	2	0	15	7	0	31	5	0	63	0
10	0	1	3	0	5	8	0	17	5	0	35	0	0	70	0
20	0	2	7	0	11	7	0	35	0	0	70	0	1	40	0
30	0	4	0	0	17	5	0	52	5	1	5	0	2	10	0
40	0	5	4	0	23	3	0	70	0	1	40	0	2	80	0
50	0	6	7	0	26	2	0	87	5	1	75	0	3	50	0
60	0	8	1	0	35	0	1	5	0	2	10	0	4	20	0
70	0	9	4	0	40	8	1	22	5	2	45	0	4	90	0
80	0	10	8	0	46	1	1	40	0	2	80	0	5	60	0
90	0	12	1	0	52	5	1	57	5	3	15	0	6	30	0
100	0	13	5	0	58	3	1	75	0	3	50	0	7	0	0
200	0	26	9	1	16	7	3	50	0	7	0	0	14	0	0
300	0	40	4	1	75	0	5	25	0	10	50	0	21	0	0
400	0	53	8	2	33	3	7	0	0	14	0	0	28	0	0
500	0	67	3	2	91	7	8	75	0	17	50	0	35	0	0
600	0	80	7	3	50	0	10	50	0	21	0	0	42	0	0
700	0	94	2	4	8	3	12	25	0	24	50	0	49	0	0
800	1	7	7	4	66	7	14	0	0	28	0	0	56	0	0
900	1	21	2	5	41	7	16	25	0	32	50	0	63	0	0
1000	1	34	6	5	83	3	17	50	0	35	0	0	70	0	0

Richard Richardson

1871 1872

