

Some things of
Grandfather
Zinnerman

Star Salve papermill

Unrover's Salve

1 pound of Sweet oil
1/2 pound of Red lead
1/4 pound of Beeswax - of young bees

3 ft high, 2 ft

Set any vessel on fire & coals
put in the sweet oil, let it get
hot, put in the wax, and
when it smokes, put in the
red lead till it begins to boil
then cool it off in cold running
water, let it sail again
cool it off again, then let it boil
the third time till it begins
to smoke, and a little thick like
molasses, then cool it off again

the third time till it begins
to smoke, and a little thick like
molasses, then cool it off again
spread it very thin on a rag
dress the sore once every day

2800

This salve heals every sore
or swelling, old and new
wounds, in every case

Handwritten notes at the top of the left page, partially obscured.

Handwritten title or heading in German script.

Main body of handwritten text in German script on the left page, describing a project or calculation.

Stonewalling - Papermill

*2 walls each 144 ft long 8 ft high, 2 ft
 3 in thick - 2 buttments each 28 ft
 round, 3 ft high 3 ft thick; 2 buttments
 each 22 ft by 8 high 3 1/2 thick, 4
 4 engine buttments each 39 ft long
 8 ft high 7 1/2 thick, 2 walls together
 28 ft long 4 high 2 1/2 thick, 1 wall
 39 long 4 high 2 thick, 1 wall
 23 long 11 high 2 thick*

144	28	22	39	28
2	2	2	4	4
288	56	44	156	112
8	3	8	8	25
2904	163	352	1248	560
27	504	35	75	224
16128		1760	6240	2800
4608		7056	8736	
1762208		12320	93600	

5184 feet
 504
 1232
 9360
 280
 264
 506
 2475 | 17330.00 (700.4)
 17325
 500.0
 4950
 5007

perches

*33
 4
 132
 2
 264*

*23
 11
 252
 2
 506*

Stone-walling

A house 36 feet long 24 broad two stories high each 9 feet high, the cellar under the whole 8 feet high, the whole 20 inches thick, the gable ends 16 feet high — how many perches?

gable	round	Cellar
24	36	36
16	36	36
144	24	24
24	24	24
<u>384</u>	<u>120</u>	<u>120</u>
2)7680	18	8
640	<u>960</u>	<u>960</u>
	120	12)19200
	<u>2160</u>	1600
	20	

12) 43200

3600
1600
640

24.75) 5840.00 (236 perches
 4950
 - 8900
 7425
 14850
 14850

or thus

15) 19200
 1067 + 10

18) 43200
 2400
 1068
 426

18) 7680
 426 + 8 in

16.5) 3874.0 (236
 330
 .594
 425
 1990

Bricklaying

How many bricks are in 2 gable ends
above joints 36 feet wide, 15 feet perpen-
dicular, and two bricks thick

36
15
540
24
12960
1080
11940
33120
45060

in both gable ends

11940 in the whole building

How many bricks are in a pillar
24 feet high & 3 bricks square

3 bricks square = $2\frac{1}{4}$

24
48
6
54
36
324
162
1944

answer

Mensura

Of walling

Bricklayers and masons measure their works
by the solid square foot, but bricks are mostly laid
by the M. - The standard measure of brick is
 $1\frac{1}{2}$ brick thick, one foot high and 16.5 feet long
a rod. - of Stonewall 18 inch thick as before

Rule for Brick

Multiply the solid feet by half the number
of bricks of the thickness of the wall - one
third of that product is the contents in
feet - 1) what is the contents of
a wall ally 64.5 long and 25 ft high, and what
will it amount to at \$1.50 per rod?

64.5
25
1612.5
9
17512.5
16.5
2884.5
230
2654.5
1465
2931.5
4397
4397
1537
1484
525
495
300
165
1350
1320
30
1650
17750

Note: because $1\frac{1}{2}$ brick thick
bring to halves = and $1\frac{1}{2}$ also
to halves for a division
that is $\times 9 \div 3$ to bring
it to standard measure

Bricklaying

1) Bricklayers calculate 12 bricks in every foot of wall in length and height, one brick thick; 18 bricks in a foot at $1\frac{1}{2}$ brick thick, and 24 bricks at 2 bricks thick.

How many bricks are in a wall 48 feet long, 10 feet high, and 1 brick thick:

$$\begin{array}{r} 48 \\ \times 10 \\ \hline 480 \\ \times 12 \\ \hline 5760 \text{ answer} \end{array}$$

2) How many bricks in 50 feet long, 12 feet high, and $1\frac{1}{2}$ bricks thick:

$$\begin{array}{r} 50 \\ \times 12 \\ \hline 600 \\ \times 18 \\ \hline 10800 \text{ answer} \end{array}$$

3) How many bricks are in a house 36 feet square 10 feet high, 2 bricks thick:

outside measure 36
inside $\frac{33}{2}$ 69
mean measure 34.5

$$\begin{array}{r} 36 \\ \times 10 \\ \hline 360 \\ \times 24 \\ \hline 8640 \\ \times 2 \\ \hline 17280 \end{array}$$

Note: Openings are always deducted after the calculation

Mensuration - Stone work

Stone-Walling

Rule

Multiply the height, length and thickness together to solid feet, then divide 24.75 = (the contents of a square rod)

Examples

1) If a wall be 97 ft 5 inch. long 18 ft 6 inch high, and 2 feet 3 inch thick. How many rods is the contents and the amount at 60¢ per perch

$\begin{array}{r} 97.417 \\ \times 18.5 \\ \hline 1774.86025 \\ \times 2.25 \\ \hline 3993.4355625 \end{array}$	$\begin{array}{r} 24.75 \overline{) 3993.4355625} \\ \underline{2475} \\ 15256 \\ \underline{14850} \\ 4018 \\ \underline{2475} \\ 15435 \\ \underline{14850} \\ 5855 \\ \underline{4725} \\ 905 \end{array}$
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$\begin{array}{r} 588430125 \\ 355572050 \\ 355572050 \\ \hline 40001855625 \\ \times 136000 \\ \hline 715825 \end{array}$	$\begin{array}{r} 1777.860 \\ \times 22 \\ \hline 1244502 \\ 355572 \\ \hline 38800222 \\ \times 16.5 \\ \hline 4000.18 \end{array}$	$\begin{array}{r} 2) 48000.22 \\ \hline 24000.11 \\ 9) 24000.11 \\ \hline 2666.79 \\ \times 16 \\ \hline 42668.64 \\ \times 16.5 \\ \hline 704032.62 \\ \times 165 \\ \hline 116165262 \\ \times 1098 \\ \hline 127000000 \\ \times 1045 \end{array}$
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$\begin{array}{r} 2) 1800222 \\ \hline 900111 \\ 9) 24000111 \\ \hline 2666679 \\ \times 16 \\ \hline 42666864 \\ \times 16.5 \\ \hline 70403262 \\ \times 165 \\ \hline 116165262 \\ \times 1098 \\ \hline 127000000 \\ \times 1045 \end{array}$	$\begin{array}{r} 73357 \\ 9) 4800222 \\ \hline 533358 \\ 2) 533358 \\ \hline 266679 \\ \times 16.5 \\ \hline 4411304.5 \\ \times 165 \\ \hline 72992475 \\ \times 1098 \\ \hline 801137000 \\ \times 1045 \end{array}$	$\begin{array}{r} 2) 480022 \\ \hline 240011 \\ 9) 240011 \\ \hline 26667 \\ \times 16 \\ \hline 426672 \\ \times 16.5 \\ \hline 7031187 \\ \times 165 \\ \hline 116115075 \\ \times 1098 \\ \hline 126999999 \\ \times 1045 \end{array}$
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Stone walling

How many perches are in a house
40 feet long 20 wide 10 high 18 inches

think $\frac{40}{20} = 2$
inside measure 120
inside measure 108

gabel end 20 high
10 high
 $\frac{200 \times 10}{100} = 200$
300 feet

$2 \times 228 = 456$
114
 $\frac{114}{2} = 57$
1710
1710
300
2010

2010.00
19800
 $\frac{19800}{12} = 1650$
2475
425

1650
18
9820
1120
 $\frac{1120}{12} = 93.33$
1710 feet

N.B. The gabel end is 10 feet high
& contains 300 feet
The walls $\frac{1710}{2010}$

The same building in wall
N.B. There are 16 perches bricks in a 10
or cubic foot

$\frac{2010}{16} = 125.625$
32160 Bricks ans.

Cham

How many perches are in a building
that is 24 feet long 20 feet wide
one story high 8 feet, and a cellar
under the whole 8 feet high, the
whole 18 inches thick, the gabel end
8 feet high - and how much would
it come to at 40 cents per perch

24
24
20
20
8 gabel
20
160 feet

$\frac{1650 \times 18}{8 \times 12} = 2484$

1656
18
 $\frac{1656}{18} = 92$
1656
12 | 29808 cube
2484 feet

88 16.5 | 1656.0 | 1000 | 360
17 165
616
88
1496
160
1656 feet
square
800
495
1050
990
16500

$\frac{2484 \times 100}{100} = 2484$
2475
1000.000
7425
15750
14850
1900

Stone walling

If a barn be 80 feet
long 45 ft broad
the lower story or sta-
bles 12 feet from the
foundation high to
the threshing floor
and from the floor
30 feet high, and
the gabel ends of ~~the~~
30 feet high -
and the thickness
2 feet 6 inches
how many perches
and what does it
come to at 40
cts per perch.

Note there are two
doors each 20 feet
wide to be deducted

80	80
80	40
45	45
45	45
250	210
12	30
<u>3000</u>	6300
2.5	2.5
7500	131500
	157500 ft
	1340
	24050
	3075
45	
30	3000
1350	90000
2.5	7500
6750	
2700	6300
33750 feet	
15750	1218900
7500	15750
26625 feet in all	
	1075
24.75	2662500
2475	
18750	18750
14250	18750
12375	14250
18750	14250
nearly 1078 perches	
.50	
\$ 539.00	
answer	

Stone walling

what will a house
come to whose length
is 50 feet, 24 ft wide
and 2 story high each
9 feet, and a cellar
under the whole
8 feet high - and
the walls through-
out 20 inch thick
gabel ends 16 feet
high
at 40 cts a perch

50	
50	
24	
24	
148 lang	24
26 high	15
	360
888	
296	127200
3848	600
26	
276960	
6413	4
600	
7013	

24.75	7013.00	(283.351
	4950	
	20030	
	19300	
	8360	
	7425	
	3700	
	7425	
	12850	
	12375	
	4750	
	2475	
	127500	
283.351		
.40		
\$ 3340.40	any	

How many bricks
would be wanting
for a house of the
same content

6413	
102608	Bricks

Stonewalling

There is a house 30 feet long 24 feet broad two story high, the lower story 9 feet high, the upper 8 feet, and a cellar of 12 feet wide 24 ft. long

the wall is 20 inches throughout, what will it come to at 40 cents a perch

30	24
30	12
24	288
24	20
<hr/>	
108	12)5760
171	480
<hr/>	
836	24
20	15 ft high
1136720	360
3060	20
<hr/>	
	117200
	600
	3060
	480
	<hr/>
	4140 feet

24.75) 4140.00 (167.27
 2475
 16650 129
 14850
 18000
 17325
 6750
 18950
 18000

nearly 168.5
 .40

167.27

167.27

1669.08

Stonewalling

A house is 47 feet long 36 feet broad, and 9 feet 8 inches high, 22 inch thick, (an other wall 42 long 9 feet high, 2 feet thick & one wall 8 feet long, of the same height & thick + 5 partition walls, each 31 feet 2 ditto each 19 feet - 38 1 do 27 - 27 1 do 34 - 34. the whole being 1 foot high and 18 inches thick, what is the cost of said building

A house 47 feet long 36 feet broad and 9 feet 8 inches high, also a wall 8 feet long of the same height and 22 inches thick, and a wall 42 feet long, 9 feet high, and 2 feet thick, and again

4 walls 31 feet long	} one foot high and 18 in thick
2 do 19	
1 do 27	
1 do 34	

... of high degree. ...

Sh ... Hat Heyon ... SM 67. B

... repeats his praise. ... Gott.

Suffield ... Hat Heyon ... CM 127. F

... the measure of my days. ...

Roeboster. ... Hat Heyon ... CM 50. G

... Children learn to fear the Lord. ...

...antha. ... Hat Heyon ... PM 13. B

... soul ...

...antha. ... Hat Heyon ... CM G

... und ...

...

Maupin. Flat Key on A. SM

Handwritten musical notation for Maupin. Includes a treble clef, a key signature of one flat (B-flat), and a common time signature (C). The lyrics "God will have thy love" are written below the notes.

Coleshill. Flat Key on A. C.M. 138.

Handwritten musical notation for Coleshill. Includes a treble clef, a key signature of one flat (B-flat), and a common time signature (C). The lyrics "Lord what is man poor feeble man" are written below the notes.

Adeste Fideles. Sharp Key on A. LM. 22.

Handwritten musical notation for Adeste Fideles. Includes a treble clef, a key signature of two sharps (D major), and a common time signature (C). The lyrics "Gloria in excelsis deo" are written below the notes.

Portugal. Sharp Key on G. LM. 157.

Handwritten musical notation for Portugal. Includes a treble clef, a key signature of one sharp (F#), and a common time signature (C). The lyrics "How lovely was divinity" are written below the notes.

Communion. Flat Key on A. C.M.

Handwritten musical notation for Communion. Includes a treble clef, a key signature of one flat (B-flat), and a common time signature (C). The lyrics "Thus we did my Saviour bleed" are written below the notes.

Cambridge. Sharp Key on G. C.M. 56.

Handwritten musical notation for Cambridge. Includes a treble clef, a key signature of one sharp (F#), and a common time signature (C). The lyrics "Wie dich du mir so sehr gut" are written below the notes.

Herburn Sharp Key on D. C.M. 80.

Handwritten musical notation for Herburn. Includes a treble clef, a key signature of two sharps (D major), and a common time signature (C). The lyrics "Glorious words were spoken by night" are written below the notes.

Shields. Sharp Key on A. P.M. 93. 884. 64 = G

Handwritten musical notation for Shields. Includes a treble clef, a key signature of one sharp (F#), and a common time signature (C). The lyrics "I have found of my blessing" are written below the notes.

Bath-Chapel. Sharp Key on G. C.M. 74 = F

Handwritten musical notation for Bath-Chapel. Includes a treble clef, a key signature of one sharp (F#), and a common time signature (C). The lyrics "Come holy spirit heavenly dove" are written below the notes.

Aylesbury. Flat Key on A. S.M. 62. B

Handwritten musical notation for Aylesbury. Includes a treble clef, a key signature of one flat (B-flat), and a common time signature (C). The lyrics "The Lord my shepherd is" are written below the notes.

24 Psalm. Sharp Key on A. C.M. 54. = G

Handwritten musical notation for the 24th Psalm. Includes a treble clef, a key signature of one sharp (F#), and a common time signature (C). The lyrics "Salvation is the joyful sound" are written below the notes.

Hidingplace. Flat Key on G. LM. = A

Handwritten musical notation for Hidingplace. Includes a treble clef, a key signature of one flat (B-flat), and a common time signature (C). The lyrics "I will commend my soul" are written below the notes.

Windham L.M. Mat. No. 122

Musical notation for Windham L.M. with lyrics: "in the joys of earth away"

52 Wesley. C.M. Flat 4. on C

Musical notation for Wesley. C.M. with lyrics: "With inward pain my heart long staid"

53 Newburg S.M. Flat 4. on C

Musical notation for Newburg S.M. with lyrics: "Let every creature join to"

56 Dominion L.M. Sharp 4. on E

Musical notation for Dominion L.M. with lyrics: "Jesus shall reign where'er the Sun"

57 Whitestown L.M. Flat 4. on C

Musical notation for Whitestown L.M. with lyrics: "When nothing avert set"

58 Middletown P.M. Flat 4. on C

Musical notation for Middletown P.M. with lyrics: "Hail the day that saw him rise"

Northfield P.M. 8 888888

Musical notation for Northfield P.M. with lyrics: "Hail the day that saw him rise"

Northfield C.M. 4

Musical notation for Northfield C.M. with lyrics: "When men with golden beams"

Musical notation for Northfield C.M. with lyrics: "His kingdom stretch'd"

Musical notation for Northfield C.M. with lyrics: "When men with golden beams"

Musical notation for Northfield C.M. with lyrics: "When men with golden beams"

Musical notation for Northfield C.M. with lyrics: "When men with golden beams"

Musical notation for Northfield C.M. with lyrics: "When men with golden beams"

When I read my titles in ear, some nations in skies, I'll be found

Kingwood 886

My days, my weeks, my months, my years, in whirling spheres - around

OLney 87

Come thou of every blessing

Indian Philosopher 886

Awake by Sinai's awful sound, My soul in guilt

Shepherdstown 87

Come thou fount of

1. mol. in C. 64

2. Ich Gott erher mein seuffzen und wehflagen. 1. 4

8. Dur in C. - 1. H. Keyen 9. 2

2. Alle Menschen müssen sterben. 2. 8 4

Dur in C. 1. H. Keyen 9. 2

3. Es ist gewisslich ander zeit. 1. 11 4

Dur in C. 1. H. Keyen 6. 25 4

4. Jesus meine zuversicht. 1. 5 4

Dur in C. 1. H. Keyen 9. 2

5. Gott des himels und der Erden. 5 4

Dur in C. 1. H. Keyen 9. 2

6. Gott des himels und der Erden. 5 4

Dur in C. 1. H. Keyen 7. 30 7.

7. Herr Jesu Christ wahr mensch und Gott. 1. 4

Dur in C. 1. H. Keyen 9. 2

11. Herr Jesu Gnadenkone. 12. 9 4

Dur in C. 1. H. Keyen 9. 2

12. Hundert alle Gott. 1. 4

Dur in C. 1. H. Keyen 9. 2

13. O Gott du fromer Gott. 2. 4

Dur in C. 1. H. Keyen 9. 2

14. Seelenbreutigam. 3 4

15. Modus 2. 1. H. Keyen 9. 2

16. den lieben Gott. 1. 4

Dur in D. H. N. on D. 54 %



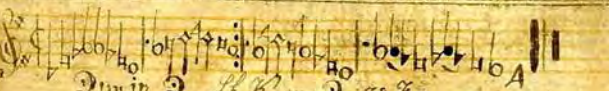
25. Wie schon leuchtet der Morgen fern. 12 Not. (27)



Dur in G. H. N. on G. 28 %



26. Kommt laßt euch den Herren ehren (6.) 101 Not.



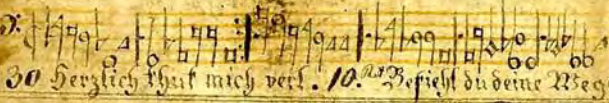
Dur in D. H. N. on D. 78 %



29. Hinaus spricht Christus unser Held. (19) 9 Not.



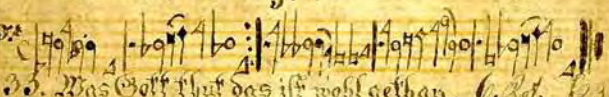
Mol in D. H. N. on D. 48 %



30. Herzlich thut mich verl. 10. 23. sieht du deine Wege



Dur in G. H. N. on G. 16 %

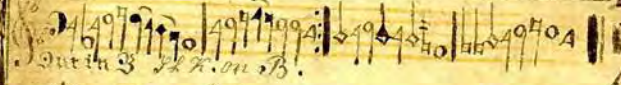


35. Was Gott thut das ist wohl gethan. 6. Not. (25)

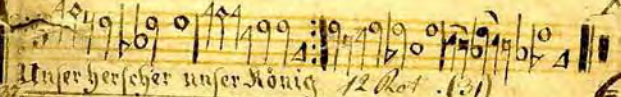
Dur in G. H. N. on G. 78 %



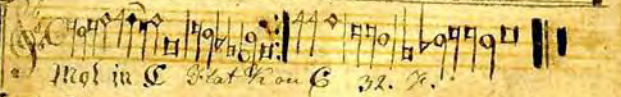
Lieber Jesu wir sind hier. (25) 22 Not.



Dur in B. H. N. on B.



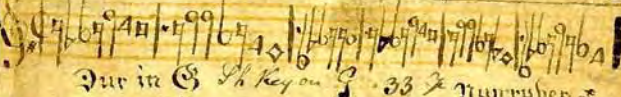
Unser Herrscher unser König 12 Not. (31)



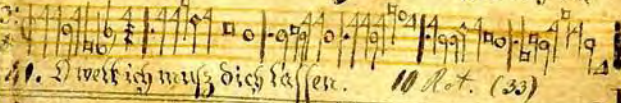
Mol in C. H. N. on C. 32. %



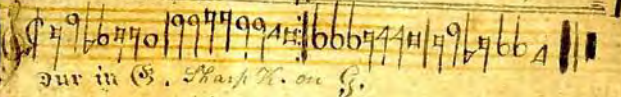
38. Meine Hoffnung setzet veste. (32)



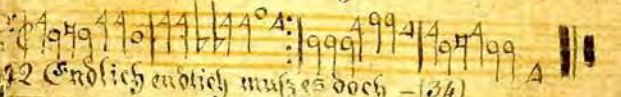
Dur in G. H. N. on G. 33 % nur ruhen



41. D. weil ich muß dich lassen. 10 Not. (33)



Dur in G. H. N. on G.



42. Endlich endlich muß es doch - (34)

Dur in A. Jh. Kon. 6.



4
re rech' wen' Gnade, dich (35) 2. H. 11.



Dur in D. Jh. Kon. 2.



zieh mich mit den armen.



Dur in G. Jh. Kon. 4.



Mein heiland habe auf mich acht. (35) 30. H. 11.



Dur in C. Jh. Kon. 8. B.



Machet auf ruff uns die stime. 12.



Dur in G. Jh. Kon. 9.



Lobe den Herren



Dur in B. Jh. Kon. 10.

