

A £ 100 Principal in 1 year gain $\frac{1}{10}$
 Interest what will 75 principal
 gain in $\frac{1}{2}$ year, Demand

A £ year £ S £ year
 A 100 " 1 " 10 " 75 " $\frac{1}{2}$
 $\frac{4}{400}$ $\frac{4}{4}$ $\frac{20}{20}$ $\frac{90}{90}$ $\frac{1}{1}$
 $\frac{400}{400}$ $\frac{4}{4}$ $\frac{20}{20}$ $\frac{90}{90}$ $\frac{1}{1}$
 $\frac{400}{400}$ $\frac{4}{4}$ $\frac{20}{20}$ $\frac{90}{90}$ $\frac{1}{1}$
 $\frac{400}{400}$ $\frac{4}{4}$ $\frac{20}{20}$ $\frac{90}{90}$ $\frac{1}{1}$
 Answer

400) 4200 (10
 400
 200
 4

400) 800 (2
 800

A £ £ S £
 A 100 " 4 " 10 " 75
 20
 90
 75
 450
 630 (20)

100) 6750 (67 S D
 600
 750
 700
 50
 12

100) 600 (6
 600

A year £ S D year
 A 1 " 3 " 7 " 6 " $\frac{1}{2}$
 $\frac{4}{4}$ $\frac{20}{20}$
 $\frac{4}{4}$ $\frac{67}{67}$
 $\frac{4}{4}$ $\frac{12}{12}$

4) 810

12) 202 " 10
 16 " 10 $\frac{1}{2}$ Proof

Thomas Perry

A 8 Reapers have 3 " 4 for
 $\frac{1}{4}$ days work how much will
 48 Men have for 16 Days work
 Demand — Tom Perry

A D £ S D
 A 1 " 3 " 4 " 16
 20
 64
 16
 384
 64
 4) 1024
 2) 256
 12 " 16

A Men £ S Men
 A 8 " 12 " 16 " 48
 20
 256
 48

2048
 8) 12288
 2) 1536
 76 " 16 Answer

A D £ S M D
 A 8 " 4 " 3 " 48 " 16
 4
 32
 64
 48

512
 256
 3072
 16
 18432
 3072
 4) 49152
 8) 12288
 2) 1536
 76 " 16 Answer as before

£ 700 in 1/2 year raise 1/4

Interest how much will 500 £ raise in 5 Years; Demand

£	years	£	£	years
700	1/2	500	500	5
<u>700</u>		<u>500</u>		<u>5</u>
		7000		10
		<u>10</u>		
700		70000		
		<u>100</u>		

Answer 1 Hundred Pounds

£	£	£
700	1/4	500
	<u>500</u>	
700	7000	
	<u>10</u>	

years	£	years
1/2	10	5
	<u>10</u>	<u>5</u>
	100	10
	<u>100</u>	<u>10</u>

Proof

40 Acres of Grass be mowed by 8 Men in 7 days how many acres shall be mowed by 25 Men in 26 days

M	D	acres	M	Days
8	7	40	25	26
<u>7</u>		<u>40</u>		
56		1000		
		<u>26</u>		
		6000		
		<u>2000</u>		
56		26000		
		<u>224</u>		
		460		
		<u>336</u>		
		240		
		<u>224</u>		
		16		
		<u>56</u>		

Answer in Acres

8 Cannon in 1 Days time

Spent 48 Barrels of Powder how many Barrels will 24 Cannons will spend in 12 Days at that rate & 6

Can	D	Bar	Can	D
8	1	48	24	12
<u>1</u>		<u>24</u>		
8		192		
		<u>96</u>		
		1152		
		<u>12</u>		
8		13824		
		<u>1728</u>		

Answer 1728

£ 40 be the wages of 8 men for 6 Days what will be the wages of 60 men for 72 Days; Demand

M	Days	£	M	Days
8	6	40	60	72
<u>6</u>		<u>60</u>		
48		2400		
		<u>72</u>		
		4800		
		<u>16800</u>		
6		172800		
		<u>8</u>		
		28800		
		<u>20</u>		
		3600		
		<u>£ 180</u>		

Answer

If 46 of bread will be sufficient for 25 Men 15 Days how much bread will satisfy 56 men 40 Days; Demand Tom Perry

If Men	Days	To	Men	Days
25	15	"	56	40
15			56	
125			276	
25			230	
375			2576	

40 lb

375)103040(274

750

2804

2625

1790

1500

290

375/75

58 of Remainder

Answer

If 16 Horses eat up 16 Bushels of Corn in 16 Days how many Bushels of Corn will serve 26 Horses 28 Days; Demand Tom Perry

If H	D	Bush	H	D
16	16	"	26	28
16			26	
84			96	
14			32	
224			416	
			28	
			3328	
			832	

224)11648(52 Answer

1120

448

448

If The sowing of 10 Bushels of oats yield 100 Bushels in 1 year's time how many Bushels will 40 yield in 5 years time; Demand

If	Bush	Year	Bush	Year
10	1	"	40	5
1			40	
10			4000	
			5	

10)20000

2000 Answer

If a family of 12 persons Drink 16 Gallons of beer in 8 Days how many Gallons will serve a family of 15 persons 20 days Demand Tom Perry

If P	D	G	P	D
12	8	"	15	20
8			15	
96			80	
			16	
			240	
			20	

96)4800(50 Answer

480

500

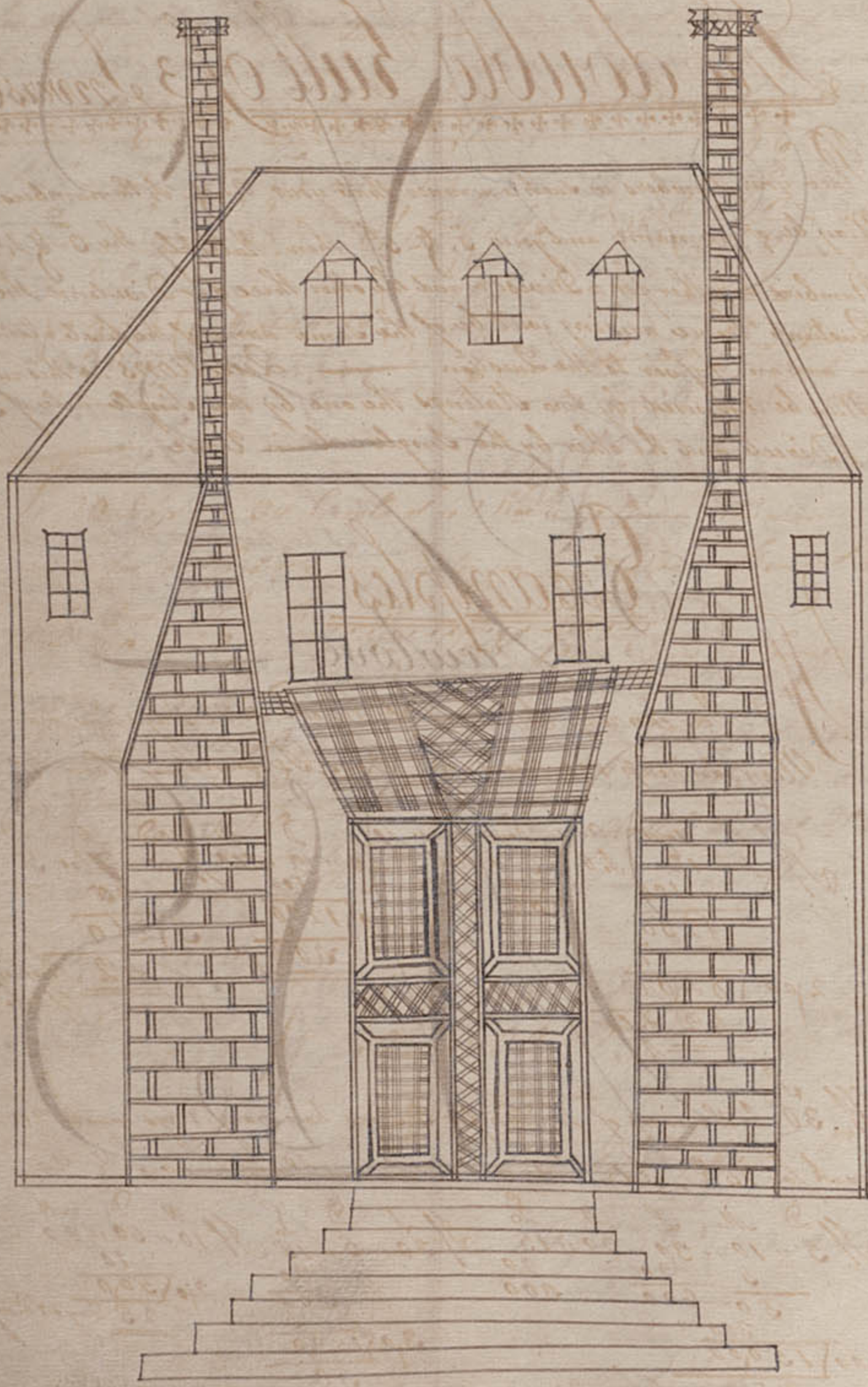
96

Handwritten signature or scribble at the bottom left of the page.

W

L
new love

M
S



The double Rule of 3 Inverse

Place your Numbers in such a manner that your 2^d & 4th numbers may be of one name and your 3^d & 5th then Multiply the 3^d & 4th Numbers together for a Divisor and the other three for Dividend the Quotient thence arising will be of the same name of the first stating — and an Answer to the Question — Questions in this rule may be answered by two statings the one by the single rule of 3 Direct and the other by the single rule in Verse

Examples

If 7 Men can reap 40 Acres of Wheat in 12 Days how many Men can reap 100 Acres in 5 Days, Demand How Many

M	Days	Acres	Days	Acres	M	Days	Acres	Days	Acres	
7	12	40	5	100	40	12	100	30	7	5
	100		40			100			30	
	<u>1200</u>		<u>200</u>		40	<u>1200</u>		5	<u>210</u>	
	7					30 Days			12 Answer as	
200	<u>8400</u>								before	
	12 Answer									

If 30 be the wages of 10 Men for 5 Days how many Days must 20 men work for 15 £, Demand

M	Days	£	M	Days	£	M	Days	£	M	Days	£		
5	10	30	20	15	30	5	15	10	50	20			
	5	20	20			20			10				
	<u>50</u>	<u>600</u>	<u>300</u>			<u>300</u>		20	<u>500</u>				
	300					5			25 Days	Proof			
600	<u>15000</u>				30	<u>1500</u>							
	25 Days Answer					50							

If 48 Men in 12 Days cast a trench 24 yards long how many men will cast a trench 160 yards long in 16 Days - Demand

M	D	yd	D	yd	M	yd	M	yd
48	12	24	16	160	24	48	160	160
	12		16			160		2880
	576		144			48		
			24					
	160		384					
	34560				24	4	7680	
	576					6	1920	
384	92160	(240	Answer				320	
	768							
	1536							
	1536							
	...							
	384							

If £100. principal in 12 Months Gain 6 Interest what principal will Gain 3 7 6 in 9 Months Demand True Penny

L	L	M	L	S	D	M
100	6	12	3	7	6	9
	20		20			
	120		67			
	12		12			
	1440		810			
	9		12			
	12960		9720			
	100					
9720	1296000	(133	6	8	Answer	86
	9720					
	32400					
	29160					
	32400					
	29160					
	3240					
	20					
9720	64800	(6				
	58320					
	6480					
	12					
9720	77760	(8				
	77760					
	...					

A 60 Men in 160 Days mow 470 Acres of Grass in how many Days will 56 men Mow 170 Acres — Demand

Days	Men	Acres	Men	Acres
160	60	470	56	170
	<u>170</u>		<u>470</u>	
	4200		3920	
	<u>60</u>		<u>224</u>	
	10200		26320	
	<u>160</u>			
	612000			
	<u>10200</u>			

26320) 1632000 (62 Answer; Tom Perry Said
 157920
 52800
 52640
 160
26320

A 46 pioneers in 15 Days cast a trench 30 yards long how many pioneers will cast a trench 160 yards long in 16 Days — Demand Tom Perry Junior March 29 1773

Pioneers	D	Yds	P	Yds
46	15	30	16	160
	<u>160</u>		<u>30</u>	
	900		480	
	<u>15</u>			
	2400			
	<u>46</u>			
	14400			
	<u>9600</u>			

480) 110400 (230 Answer Tom Perry
 960
 1440
 1440
 0
480

If 15 Students in 10 Days Spend 60, Demand how many Students will Spend 340 in 10 Days & C

<p>If Stud D L D L</p> <p>If 15 " 10 " 60 " 10 " 340</p> <p style="margin-left: 20px;">15 60</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">150 600</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">340</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">6000</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">450</p> <hr style="width: 100%;"/> <p>600) 51000</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">85 Answer</p>	<p>If D Stud D</p> <p>If 10 " 85 " 10</p> <p style="margin-left: 20px;">10</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">10</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">850</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">85</p> <hr style="width: 100%;"/> <p>10) 850</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">85 Answer as before or Proof</p>	<p>If L Stud L</p> <p>If 60 " 15 " 340</p> <p style="margin-left: 20px;">340</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">600</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">45</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">5100</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">85</p> <hr style="width: 100%;"/> <p>60) 5100</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">85</p>	
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If 14 Men in 18 Days eat 75 of pork in how many Days will 15 Men eat 25 of pork - Demand

<p>If D M M M M</p> <p>If 18 " 14 " 75 " 15 " 25</p> <p style="margin-left: 20px;">14 15</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">72 385</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">18 75</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">252 1525</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">25</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">1260</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">504</p>	<p>If M D Men</p> <p>If 14 " 18 " 15</p> <p style="margin-left: 20px;">14</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">72</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">18</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">252</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">15</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">375</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">168</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">168</p>	<p>1125) 6300 (5 " 3/5 Answer of 6</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">5625</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">675</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">135</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">27</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">45</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">5</p>	<p>If M D Men</p> <p>If 75 " 14 " 25</p> <p style="margin-left: 20px;">1</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">84</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">84</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">25</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">120</p> <hr style="width: 100%;"/> <p style="margin-left: 20px;">168</p>
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