

IRENE MOORE
 46, NETHERBY DRIVE,
 NORTH FENHAM,
 NEWCASTLE UPON TYNES.

SUMLOCK

CALCULATOR TABLE—No. 1

PHONE - 36264

Pence and Farthings as Decimals of a Shilling

SUMLOCK-COMPUTERMETER LTD - 2-9506

	0	1	2	3	4	5	6	7	8	9	10	11	
		.083333	.166666	.25	.333333	.416666	.5	.583333	.666666	.75	.833333	.916666	
1/4	.020833	.104166	.1875	.270833	.354166	.4375	.520833	.604166	.6875	.770833	.854166	.9375	1/4
1/2	.041666	.125	.208333	.291666	.375	.458333	.541666	.625	.708333	.791666	.875	.958333	1/2
3/4	.0625	.145833	.229166	.3125	.395833	.479166	.5625	.645833	.729166	.8125	.895833	.979166	3/4

SUMLOCK

CALCULATOR TABLE—No. 2.



Pence and Farthings as Decimals of a £

	0	1	2	3	4	5	6	7	8	9	10	11	
		.004166	.008333	.0125	.016666	.020833	.025	.029166	.033333	.0375	.041666	.045833	
1/4	.0010416	.0052083	.009375	.0135416	.0177083	.021875	.0260416	.0302083	.034375	.0385416	.0427083	.046875	1/4
1/2	.0020833	.00625	.0104166	.0145833	.01875	.0229166	.0270833	.03125	.0354166	.0395833	.04375	.0479166	1/2
3/4	.003125	.0072916	.0114583	.015625	.0197916	.0239583	.028125	.0322916	.0364583	.040625	.0447916	.0489583	3/4

SUMLOCK CALCULATOR TABLE—No. 3

Pence, 1/8 and 1/16 as Decimals of a £.

		1	2	3	4	5	6	7	8	9	10	11	
		.0041667	.0083333	.0125	.0166667	.0208333	.025	.0291667	.0333333	.0375	.0416667	.0458333	
1 16	.00026042	.00442708	.00859375	.01276042	.01692708	.02109375	.02526042	.02942708	.03359375	.03776042	.04192708	.04609375	1/16
1 8	.0005208	.0046875	.0088542	.0130208	.0171875	.0213542	.0255208	.0296875	.0338542	.0380208	.0421875	.0463542	1 8
3 16	.00078125	.00494792	.00911562	.01328125	.01744792	.02161458	.02578125	.02994792	.03411458	.03828125	.04244792	.04661458	
1 4	.0010417	.0052083	.009375	.0135417	.0177083	.021875	.0260417	.0302083	.034375	.0385417	.0427083	.046875	1/4
5 16	.00130208	.00546875	.00963542	.01380208	.01796875	.02213542	.02630208	.03046875	.03463542	.03880208	.04296875	.04713542	5/16
3 8	.0015625	.0057292	.0098958	.0140625	.0182292	.0223958	.0265625	.0307292	.0348958	.0390625	.0432292	.0473958	3/8
7 16	.00182292	.00598958	.01015625	.01432292	.01848958	.02265625	.02682292	.03098958	.03515625	.03932292	.04348958	.04765625	7/16
1 2	.0020833	.00625	.0104167	.0145833	.01875	.0229167	.0270833	.03125	.0354167	.0395833	.04375	.0479167	1/2
9 16	.00234375	.00651042	.01067708	.01484375	.01901042	.02317708	.02734375	.03151042	.03567708	.03984375	.04401042	.04817708	9/16
5 8	.0026042	.0067708	.0109375	.0151042	.0192708	.0234375	.0276042	.0317708	.0359375	.0401042	.0442708	.0484375	5 8
11 16	.00286458	.00703125	.01119792	.01536458	.01953125	.02369792	.02786458	.03203125	.03619792	.04036458	.04453125	.04869792	11/16
3 4	.003125	.0072917	.0114583	.015625	.0197917	.0239583	.028125	.0322917	.0364583	.040625	.0447917	.0489583	3/4
13 16	.00338542	.00755208	.01171875	.01588542	.02005208	.02421875	.02838542	.03255208	.03671875	.04088542	.04505208	.04921875	13/16
7 8	.0036458	.0078125	.0119792	.0161458	.0203125	.0244792	.0286458	.0328125	.0369792	.0411458	.0453125	.0494792	7/8
15 16	.00390625	.00807292	.01223958	.01640625	.02057292	.02473958	.02890625	.03307292	.03723958	.04140625	.04557292	.04973958	15/16

HECK CALCULATOR TABLE

Quarters and Pounds as Decimals of a

Qrs.	Lbs.	Decimal.	Qrs.	Lbs.	Decimal.	Qrs.	Lbs.	Decimal.	Qrs.	Lbs.	Decimal.
—	1/4	.002232	1	0	.0125	2	0	.025	3	0	.0375
—	1/2	.004464	1	1	.0129464	2	1	.0254464	3	1	.0379464
—	3/4	.006696	1	2	.0133929	2	2	.0258929	3	2	.0383929
—	1	.008928	1	3	.0138393	2	3	.0263393	3	3	.0388393
—	1 1/4	.011160	1	4	.0142857	2	4	.0267857	3	4	.0392857
—	1 1/2	.013392	1	5	.0147321	2	5	.0272321	3	5	.0397321
—	1 3/4	.015624	1	6	.0151786	2	6	.0276786	3	6	.0401786
—	2	.017856	1	7	.015625	2	7	.028125	3	7	.040625
—	2 1/4	.020088	1	8	.0160714	2	8	.0285714	3	8	.0410714
—	2 1/2	.022320	1	9	.0165179	2	9	.0290179	3	9	.0415179
—	2 3/4	.024552	1	10	.0169643	2	10	.0294643	3	10	.0419643
—	3	.026784	1	11	.0174107	2	11	.0299107	3	11	.0424107
—	3 1/4	.029016	1	12	.0178571	2	12	.0303571	3	12	.0428571
—	3 1/2	.031248	1	13	.0183036	2	13	.0308036	3	13	.0433036
—	3 3/4	.033480	1	14	.01875	2	14	.03125	3	14	.04375
—	4	.035712	1	15	.0191964	2	15	.0316964	3	15	.0441964
—	4 1/4	.037944	1	16	.0196429	2	16	.0321429	3	16	.0446429
—	4 1/2	.040176	1	17	.0200893	2	17	.0325893	3	17	.0450893
—	4 3/4	.042408	1	18	.0205357	2	18	.0330357	3	18	.0455357
—	5	.044640	1	19	.0209821	2	19	.0334821	3	19	.0459821
—	5 1/4	.046872	1	20	.0214286	2	20	.0339286	3	20	.0464286
—	5 1/2	.049104	1	21	.021875	2	21	.034375	3	21	.046875
—	5 3/4	.051336	1	22	.0223214	2	22	.0348214	3	22	.0473214
—	6	.053568	1	23	.0227679	2	23	.0352679	3	23	.0477679
—	6 1/4	.055800	1	24	.0232143	2	24	.0357143	3	24	.0482143
—	6 1/2	.058032	1	25	.0236607	2	25	.0361607	3	25	.0486607
—	6 3/4	.060264	1	26	.0241071	2	26	.0366071	3	26	.0491071
—	7	.062496	1	27	.0245536	2	27	.0370536	3	27	.0495536

CALCULATOR TABLE—NO. 7

1.31818

Common Fractions and their Decimal Equivalents

$\frac{2}{13} = .3076923$

$\frac{1}{14} = .071428$

$\frac{4}{26} = .153846$

	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{1}{9}$	$\frac{1}{10}$	$\frac{1}{11}$	$\frac{1}{12}$	$\frac{1}{13}$	$\frac{1}{14}$	$\frac{1}{15}$	$\frac{1}{16}$	$\frac{1}{17}$	$\frac{1}{18}$	$\frac{1}{19}$	$\frac{1}{20}$	$\frac{1}{21}$	$\frac{1}{22}$	$\frac{1}{23}$	$\frac{1}{24}$	$\frac{1}{25}$	$\frac{1}{26}$	$\frac{1}{27}$	$\frac{1}{28}$	$\frac{1}{29}$	$\frac{1}{30}$	$\frac{1}{31}$	$\frac{1}{32}$							
1	.25	1	.2	1	.166	1	.142857	1	.125	1	.083	1	.0625	1	.03125	1	.015625	33	.515625																			
2	.50	2	.4	2	.333	2	.285714	2	.25	2	.166	2	.125	2	.0625	2	.03125	34	.53125																			
3	.75	3	.6	3	.5	3	.428571	3	.375	3	.25	3	.1875	3	.09375	3	.046875	35	.546875																			
		4	.8	4	.666	4	.571428	4	.5	4	.333	4	.25	4	.125	4	.0625	36	.5625																			
				5	.833	5	.714285	5	.625	5	.416	5	.3125	5	.15625	5	.078125	37	.578125																			
						6	.857142	6	.75	6	.5	6	.375	6	.1875	6	.09375	38	.59375																			
								7	.875	7	.583	7	.4375	7	.21875	7	.109375	39	.609375																			
										8	.666	8	.5	8	.25	8	.125	40	.625																			
									9	.75	9	.5625	9	.28125	9	.140625	41	.640625																				
									10	.833	10	.625	10	.3125	10	.15625	42	.65625																				
									11	.916	11	.6875	11	.34375	11	.171875	43	.671875																				
												12	.75	12	.375	12	.1875	44	.6875																			
												13	.8125	13	.40625	13	.203125	45	.703125																			
												14	.875	14	.4375	14	.21875	46	.71875																			
												15	.9375	15	.46875	15	.234375	47	.734375																			
														16	.5	16	.25	48	.75																			
														17	.53125	17	.265625	49	.765625																			
														18	.5625	18	.28125	50	.78125																			
														19	.59375	19	.296875	51	.796875																			
														20	.625	20	.3125	52	.8125																			
														21	.65625	21	.328125	53	.828125																			
														22	.6875	22	.34375	54	.84375																			
														23	.71875	23	.359375	55	.859375																			
														24	.75	24	.375	56	.875																			
														25	.78125	25	.390625	57	.890625																			
														26	.8125	26	.40625	58	.90625																			
														27	.84375	27	.421875	59	.921875																			
														28	.875	28	.4375	60	.9375																			
														29	.90625	29	.453125	61	.953125																			
														30	.9375	30	.46875	62	.96875																			
														31	.96875	31	.484375	63	.984375																			
																32	.5																					

54.3875

$90/4 = 2.05$

4-14-2
2-5-10

SUMLOCK CALCULATOR TABLE—No. 10

CHAIN DISCOUNTS

Rate %	5	7½	10	12½	15	16⅔	20	25	30	33⅓	35	37½
Net	.95	.925	.90	.875	.85	.83333	.80	.75	.70	.66667	.65	.625
2½	.92625	.90188	.8775	.85313	.82875	.8125	.78	.73125	.6825	.65	.63375	.60938
5	.9025	.87875	.855	.83125	.8075	.79166	.76	.7125	.665	.63333	.6175	.59375
5 2½	.87994	.85678	.83363	.81047	.78731	.77187	.741	.69469	.64838	.6175	.60206	.57891
5 5	.85738	.83481	.81225	.78969	.76713	.75208	.722	.67688	.63175	.60167	.58663	.56406
5 5 2½	.83594	.81394	.79194	.76995	.74795	.73328	.70395	.65995	.61596	.58663	.57196	.54996
7½		.85563	.8325	.80938	.78625	.77083	.74	.69375	.6475	.61667	.60125	.57813
7½ 2½		.83423	.81169	.78914	.76659	.75156	.7215	.67641	.63131	.60125	.58622	.56367
7½ 5		.81284	.79088	.76891	.74694	.73229	.703	.65906	.61513	.58583	.57119	.54922
10			.81	.7875	.765	.75	.72	.675	.63	.6	.585	.5625
10 2½			.78975	.76781	.74588	.73125	.702	.65813	.61425	.585	.57038	.54844
10 5			.7695	.74813	.72675	.7125	.684	.64125	.5985	.57	.55575	.53438
10 5 2½			.75026	.72942	.70858	.69469	.6669	.62522	.58354	.55575	.54186	.52102
10 7½			.74925	.72844	.70763	.69375	.666	.62438	.58275	.555	.54113	.52031
10 10			.729	.70875	.6885	.675	.648	.6075	.567	.54	.5265	.50625
10 10 5			.69255	.67331	.65408	.64125	.6156	.57713	.53865	.513	.50018	.48094
10 10 5 2½			.67524	.65648	.63772	.62522	.60021	.5627	.52518	.50018	.48767	.46891
Rate %	40	50	60	62½	65	66⅔	70	75	80	85	87½	90
Net	.60	.50	.40	.375	.35	.33333	.30	.25	.20	.15	.125	.10
2½	.585	.4875	.39	.36563	.34125	.325	.2925	.24375	.195	.14625	.12188	.0975
5	.57	.475	.38	.35625	.3325	.31667	.285	.2375	.19	.1425	.11875	.095
5 2½	.55575	.46313	.3705	.34734	.32419	.30875	.27788	.23156	.18525	.13894	.11578	.09263
5 5	.5415	.45125	.361	.33844	.31588	.30083	.27075	.22563	.1805	.13538	.11281	.09025
5 5 2½	.52796	.43997	.35198	.32998	.30798	.29331	.26398	.21998	.17599	.13199	.10999	.08799
7½	.555	.4625	.37	.34688	.32375	.30833	.2775	.23125	.185	.13875	.11563	.0925
7½ 2½	.54113	.45094	.36075	.3382	.31566	.30063	.27056	.22547	.18038	.13528	.11273	.09019
7½ 5	.52725	.43938	.3515	.32953	.30756	.29292	.26363	.21969	.17575	.13181	.10984	.08788
10	.54	.45	.36	.3375	.315	.3	.27	.225	.18	.135	.1125	.09
10 2½	.5265	.43875	.351	.32906	.30713	.2925	.26325	.21938	.1755	.13163	.10969	.08775
10 5	.513	.4275	.342	.32063	.29925	.285	.2565	.21375	.171	.12825	.10688	.0855
10 5 2½	.50018	.41681	.33345	.31261	.29177	.27788	.25009	.20841	.16673	.12504	.1042	.08336
10 7½	.4995	.41625	.333	.31219	.29138	.2775	.24975	.20813	.1665	.12488	.10406	.08325
10 10	.486	.405	.324	.30375	.2835	.27	.243	.2025	.162	.1215	.10125	.081
10 10 5	.4617	.38475	.3078	.28856	.26933	.2565	.23085	.19238	.1539	.11543	.09619	.07695
10 10 5 2½	.45016	.37513	.3001	.28135	.26259	.25009	.22508	.18757	.15005	.11254	.09378	.07503

Top line marked "Rate %" shows different rates of discount.

Example 1: £5 2s. 6d.—5%. Look along top line marked "Rate %" for figure 5 (5%), directly below this is decimal .95, therefore £5 2s. 6d. × .95 = £5 2s. 6d.—5%; if, however, calculation is £5 2s. 6d.—5%—5%—2½%, find the first discount (5%) along the top line, now move down until you reach the line marked at the extreme left hand side with the remaining discount rates (5%, 2½%) = .87994. Therefore £5 2s. 6d. × .87994 = £5 2s. 6d.—5%—5%—2½%.

Example 2: Chain discount = 33⅓%—10%—2½%. Find 33⅓% on top line, move down until you reach the line marked 10—2½ at the extreme left = .585.

SUMLOCK CALCULATOR TABLE—No. 11

Cloth Metric Conversion — For widths of 20 inches and upwards

N.B.—Yards to Metres — .914399 ; Inches to Metres — .0254.

$$\frac{1}{.914399} \times .0254 = \frac{1}{.0232257346} = 43.05568874$$

The Table consists of 43.05568874 divided by 20, 21, 22, etc.

Inches.		Inches.		Inches.	
20	2.15278	36	1.19599	54	.79733
21	2.05027	37	1.16367	56	.76885
22	1.95708	38	1.13304	58	.74234
23	1.87199	39	1.10399	60	.71759
24	1.79399	40	1.07639	62	.69445
25	1.72223	41	1.05014	64	.67274
26	1.65599	42	1.02513	66	.65236
27	1.59465	43	1.00129	68	.63317
28	1.53770	44	.97854	70	.61508
29	1.48468	45	.95679	72	.59799
30	1.43519	46	.93599	78	.55200
31	1.38889	47	.91608	80	.53820
32	1.34549	48	.89699	90	.47840
33	1.30472	49	.87869	100	.43056
34	1.26634	50	.86111	108	.39866
35	1.23016	52	.82799	120	.35880

Example: Find the weight in Grammes per Sq. Metre. Length 576 yards; Width 41 Inches. Weight 71.56 Kilograms.

By the Table 41 Inches = 1.05014.

Example $\frac{71560}{576} \times 1.05014 = 130.47$ grammes per sq. metre.

lbs. to grammes $\times 453.59243$.

To find the weight in oz. per sq. ft. multiply grammes per sq. metre by .003275883.

SUMLOCK CALCULATOR TABLE—No. 12

Hours, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ Hours as Decimals of a 40 Hour Week

(5 mins. = .0020833)

Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.	Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.
0	—	.00625	.0125	.01875	31	.775	.78125	.7875	.79375
1	.025	.03125	.0375	.04375	32	.8	.80625	.8125	.81875
2	.05	.05625	.0625	.06875	33	.825	.83125	.8375	.84375
3	.075	.08125	.0875	.09375	34	.85	.85625	.8625	.86875
4	.1	.10625	.1125	.11875	35	.875	.88125	.8875	.89375
5	.125	.13125	.1375	.14375	36	.9	.90625	.9125	.91875
6	.15	.15625	.1625	.16875	37	.925	.93125	.9375	.94375
7	.175	.18125	.1875	.19375	38	.95	.95625	.9625	.96875
8	.2	.20625	.2125	.21875	39	.975	.98125	.9875	.99375
9	.225	.23125	.2375	.24375	40	1	1.00625	1.0125	1.01875
10	.25	.25625	.2625	.26875	41	1.025	1.03125	1.0375	1.04375
11	.275	.28125	.2875	.29375	42	1.05	1.05625	1.0625	1.06875
12	.3	.30625	.3125	.31875	43	1.075	1.08125	1.0875	1.09375
13	.325	.33125	.3375	.34375	44	1.1	1.10625	1.1125	1.11875
14	.35	.35625	.3625	.36875	45	1.125	1.13125	1.1375	1.14375
15	.375	.38125	.3875	.39375	46	1.15	1.15625	1.1625	1.16875
16	.4	.40625	.4125	.41875	47	1.175	1.18125	1.1875	1.19375
17	.425	.43125	.4375	.44375	48	1.2	1.20625	1.2125	1.21875
18	.45	.45625	.4625	.46875	49	1.225	1.23125	1.2375	1.24375
19	.475	.48125	.4875	.49375	50	1.25	1.25625	1.2625	1.26875
20	.5	.50625	.5125	.51875	51	1.275	1.28125	1.2875	1.29375
21	.525	.53125	.5375	.54375	52	1.3	1.30625	1.3125	1.31875
22	.55	.55625	.5625	.56875	53	1.325	1.33125	1.3375	1.34375
23	.575	.58125	.5875	.59375	54	1.35	1.35625	1.3625	1.36875
24	.6	.60625	.6125	.61875	55	1.375	1.38125	1.3875	1.39375
25	.625	.63125	.6375	.64375	56	1.4	1.40625	1.4125	1.41875
26	.65	.65625	.6625	.66875	57	1.425	1.43125	1.4375	1.44375
27	.675	.68125	.6875	.69375	58	1.45	1.45625	1.4625	1.46875
28	.7	.70625	.7125	.71875	59	1.475	1.48125	1.4875	1.49375
29	.725	.73125	.7375	.74375	60	1.5	1.50625	1.5125	1.51875
30	.75	.75625	.7625	.76875					

SUMLOCK CALCULATOR TABLE—No. 13

Hours, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ Hours as Decimals of a 44 Hour Week

(5 mins. = .0018939)

Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.	Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.
0	—	.005682	.011364	.017045					
1	.022727	.028409	.034091	.039773	31	.704545	.710227	.715909	.721591
2	.045455	.051136	.056818	.0625	32	.727273	.732955	.738636	.744318
3	.068182	.073864	.079545	.085227	33	.75	.755682	.761364	.767045
4	.090909	.096591	.102273	.107955	34	.772727	.778409	.784091	.789773
5	.113636	.119318	.125	.130682	35	.795455	.801136	.806818	.8125
6	.136364	.142045	.147727	.153409	36	.818182	.823864	.829545	.835227
7	.159091	.164773	.170455	.176136	37	.840909	.846591	.852273	.857955
8	.181818	.1875	.193182	.198864	38	.863636	.869318	.875	.880682
9	.204545	.210227	.215909	.221591	39	.886364	.892045	.897727	.903409
10	.227273	.232955	.238636	.244318	40	.909091	.914773	.920455	.926136
11	.25	.255682	.261364	.267045	41	.931818	.9375	.943182	.948864
12	.272727	.278409	.284091	.289773	42	.954545	.960227	.965909	.971591
13	.295455	.301136	.306818	.3125	43	.977273	.982955	.988636	.994318
14	.318182	.323864	.329545	.335227	44	1.	1.005682	1.011364	1.017045
15	.340909	.346591	.352273	.357955	45	1.022727	1.028409	1.034091	1.039773
16	.363636	.369318	.375	.380682	46	1.045455	1.051136	1.056818	1.0625
17	.386364	.392045	.397727	.403409	47	1.068182	1.073864	1.079545	1.085227
18	.409091	.414773	.420455	.426136	48	1.090909	1.096591	1.102273	1.107955
19	.431818	.4375	.443182	.448864	49	1.113636	1.119318	1.125	1.130682
20	.454545	.460227	.465909	.471591	50	1.136364	1.142045	1.147727	1.153409
21	.477273	.482955	.488636	.494318	51	1.159091	1.164773	1.170455	1.176136
22	.5	.505682	.511364	.517045	52	1.181818	1.1875	1.193182	1.198864
23	.522727	.528409	.534091	.539773	53	1.204545	1.210227	1.215909	1.221591
24	.545455	.551136	.556818	.5625	54	1.227273	1.232955	1.238636	1.244318
25	.568182	.573864	.579545	.585227	55	1.25	1.255682	1.261364	1.267045
26	.590909	.596591	.602273	.607955	56	1.272727	1.278409	1.284091	1.289773
27	.613636	.619318	.625	.630682	57	1.295455	1.301136	1.306818	1.3125
28	.636364	.642045	.647727	.653409	58	1.318182	1.323864	1.329546	1.335228
29	.659091	.664773	.670455	.676136	59	1.34091	1.346591	1.352273	1.357955
30	.681818	.6875	.693182	.698864	60	1.363636	1.369318	1.375	1.380682

SUMLOCK CALCULATOR TABLE—No. 14

Hours, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ Hours as Decimals of a 45 Hour Week

(5 min. = .00185185)

Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.	Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.
0	—	.005556	.011111	.016667					
1	.022222	.027778	.033333	.038889	31	.688889	.694444	.7	.705556
2	.044444	.05	.055556	.061111	32	.711111	.716667	.722222	.727778
3	.066667	.072222	.077778	.083333	33	.733333	.738889	.744444	.75
4	.088889	.094444	.1	.105556	34	.755556	.761111	.766667	.772222
5	.111111	.116667	.122222	.127778	35	.777778	.783333	.788889	.794444
6	.133333	.138889	.144444	.15	36	.8	.805556	.811111	.816667
7	.155556	.161111	.166667	.172222	37	.822222	.827778	.833333	.838889
8	.177778	.183333	.188889	.194444	38	.844444	.85	.855556	.861111
9	.2	.205556	.211111	.216667	39	.866667	.872222	.877778	.883333
10	.222222	.227778	.233333	.238889	40	.888889	.894444	.9	.905556
11	.244444	.25	.255556	.261111	41	.911111	.916667	.922222	.927778
12	.266667	.272222	.277778	.283333	42	.933333	.938889	.944444	.95
13	.288889	.294444	.3	.305556	43	.955556	.961111	.966667	.972222
14	.311111	.316667	.322222	.327778	44	.977778	.983333	.988889	.994444
15	.333333	.338889	.344444	.35	45	1	1.005556	1.011111	1.016667
16	.355556	.361111	.366667	.372222	46	1.022222	1.027778	1.033333	1.038889
17	.377778	.383333	.388889	.394444	47	1.044444	1.05	1.055556	1.061111
18	.4	.405556	.411111	.416667	48	1.066667	1.072222	1.077778	1.083333
19	.422222	.427778	.433333	.438889	49	1.088889	1.094444	1.1	1.105556
20	.444444	.45	.455556	.461111	50	1.111111	1.116667	1.122222	1.127778
21	.466667	.472222	.477778	.483333	51	1.133333	1.138889	1.144444	1.15
22	.488889	.494444	.5	.505556	52	1.155556	1.161111	1.166667	1.172222
23	.511111	.516667	.522222	.527778	53	1.177778	1.183333	1.188889	1.194444
24	.533333	.538889	.544444	.55	54	1.2	1.205556	1.211111	1.216667
25	.555556	.561111	.566667	.572222	55	1.222222	1.227778	1.233333	1.238889
26	.577778	.583333	.588889	.594444	56	1.244444	1.25	1.255556	1.261111
27	.6	.605556	.611111	.616667	57	1.266667	1.272222	1.277778	1.283333
28	.622222	.627778	.633333	.638889	58	1.288889	1.294444	1.3	1.305556
29	.644444	.65	.655556	.661111	59	1.311111	1.316667	1.322222	1.327778
30	.666667	.672222	.677778	.683333	60	1.333333	1.338889	1.344444	1.35

SUMLOCK CALCULATOR TABLE—No. 15

Hours, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ Hours as Decimals of a 47 Hour Week

(5 mins. = .001773)

Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.	Hrs.		$\frac{1}{4}$ hr.	$\frac{1}{2}$ hr.	$\frac{3}{4}$ hr.
0	—	.005319	-.010638	-.015957	31	.659574	-.664894	-.670213	-.675532
1	.021277	-.026596	-.031915	-.037234	32	.680851	-.686170	-.691489	-.696809
2	.042553	-.047872	-.053191	-.058510	33	.702128	-.707447	-.712766	.718085
3	.063829	-.069149	-.074468	-.079787	—	—	—	—	—
4	.085106	-.090426	-.095744	-.101063	34	.723404	-.728723	-.734043	-.739362
5	.106383	-.111702	-.117021	-.122340	35	.744681	-.75	-.755319	-.760638
6	.127659	-.132979	-.138298	-.143617	36	.765957	-.771277	-.776596	-.781915
7	.148936	-.154255	-.159574	-.164893	37	.787234	-.792553	-.797872	-.803192
8	.170213	-.175532	-.180851	-.186169	38	.808511	-.813829	-.819149	-.824468
9	.191489	-.196809	-.202127	-.207446	39	.829787	-.835106	-.840426	-.845745
10	.212766	-.218085	-.223404	-.228723	40	.851064	-.856383	-.861702	-.867021
11	.234043	-.239362	-.244681	-.25	41	.872339	-.877659	-.882979	-.888298
12	.255319	-.260638	-.265957	-.271277	42	.893617	-.898936	-.904255	-.909575
13	.276596	-.281915	-.287234	-.292553	43	.914894	-.920213	-.925532	-.930851
14	.297872	-.303192	-.308510	-.313829	44	.936169	-.941489	-.946809	-.952128
15	.319149	-.324468	-.329787	-.335106	45	.957447	-.962766	-.968085	-.973404
16	.340426	-.345745	-.351064	-.356383	46	.978723	-.984043	-.989362	-.994681
17	.361702	-.367021	-.372340	-.377659	47	1.	1.005319	1.010638	1.015957
18	.382979	-.388298	-.393617	-.398936	48	1.021277	1.026596	1.031915	1.037234
19	.404255	-.409575	-.414893	-.420213	49	1.042553	1.047872	1.053191	1.058510
20	.425532	-.430851	-.436170	-.441489	50	1.063829	1.069149	1.074468	1.079787
21	.446809	-.452128	-.457447	-.462766	51	1.085106	1.090425	1.095744	1.101063
22	.468085	-.473404	-.478723	-.484043	52	1.106383	1.111702	1.117021	1.122340
23	.489362	-.494681	-.5	-.505319	53	1.127659	1.132979	1.138298	1.143617
24	.510638	-.515958	-.521277	-.526596	54	1.148936	1.154255	1.159574	1.164893
25	.531915	-.537234	-.542553	-.547872	55	1.170213	1.175532	1.180851	1.186169
26	.553192	-.558511	-.563829	-.569149	56	1.191489	1.196808	1.202127	1.207446
27	.574468	-.579787	-.585106	-.590426	57	1.212766	1.218085	1.223404	1.228723
28	.595745	-.601064	-.606383	-.611702	58	1.234043	1.239362	1.244681	1.25
29	.617021	-.622341	-.627659	-.632979	59	1.255319	1.260638	1.265957	1.271277
30	.638298	-.643617	-.648936	-.654255	60	1.276596	1.281915	1.287234	1.292553

SUMLOCK CALCULATOR TABLE—No. 16

Minutes as Decimals of a 40, 44, 45 and 47 Hour Week

Mins.	40 hrs.	44 hrs.	45 hrs.	47 hrs.	Mins.	40 hrs.	44 hrs.	45 hrs.	47 hrs.
1	.000417	.000379	.000370	.000355	31	.012917	.011742	.011481	.010993
2	.000833	.000758	.000741	.000709	32	.013333	.012121	.011852	.011348
3	.00125	.001136	.001111	.001064	33	.01375	.0125	.012222	.011702
4	.001667	.001515	.001481	.001418	34	.014167	.012879	.012593	.012057
5	.002083	.001894	.001852	.001773	35	.014583	.013258	.012963	.012411
6	.0025	.002273	.002222	.002128	36	.015	.013636	.013333	.012766
7	.002917	.002652	.002593	.002482	37	.015417	.014015	.013704	.013121
8	.003333	.003030	.002963	.002837	38	.015833	.014394	.014074	.013475
9	.00375	.003409	.003333	.003191	39	.01625	.014773	.014444	.013829
10	.004167	.003788	.003704	.003546	40	.016667	.015152	.014815	.014184
11	.004583	.004167	.004074	.003901	41	.017083	.015530	.015185	.014539
12	.005	.004545	.004444	.004255	42	.0175	.015909	.015556	.014894
13	.005417	.004924	.004815	.004609	43	.017917	.016288	.015926	.015248
14	.005833	.005303	.005185	.004965	44	.018333	.016667	.016296	.015603
15	.00625	.005682	.005556	.005319	45	.01875	.017045	.016667	.015957
16	.006667	.006061	.005926	.005674	46	.019167	.017424	.017037	.016312
17	.007083	.006439	.006296	.006028	47	.019583	.017803	.017407	.016667
18	.0075	.006818	.006667	.006383	48	.02	.018182	.017778	.017021
19	.007917	.007197	.007037	.006738	49	.020417	.018561	.018148	.017376
20	.008333	.007576	.007407	.007092	50	.020833	.018939	.018519	.017731
21	.00875	.007955	.007778	.007447	51	.02125	.019318	.018889	.018085
22	.009167	.008333	.008148	.007801	52	.021667	.019697	.019259	.018439
23	.009583	.008712	.008519	.008156	53	.022083	.020076	.019630	.018794
24	.01	.009091	.008889	.008511	54	.0225	.020455	.02	.019149
25	.010417	.009470	.009259	.008865	55	.022917	.020833	.020370	.019504
26	.010833	.009848	.009630	.009219	56	.023333	.021212	.020741	.019858
27	.01125	.010227	.01	.009574	57	.02375	.021591	.021111	.020213
28	.011667	.010606	.010370	.009929	58	.024167	.021970	.021481	.020567
29	.012083	.010985	.010741	.010284	59	.024583	.022348	.021852	.020922
30	.0125	.011364	.011111	.010638	60	.025	.022727	.022222	.021277

SUMLOCK CALCULATOR TABLE—No. 17

Multiples of Pence and Pence Fractions

Pence	10 s. d.	100 £ s. d.	1,000 £ s. d.	10,000 £ s. d.
$\frac{1}{8}$	$\frac{5}{8}$	$6\frac{1}{4}$	5 $2\frac{1}{2}$	2 12 1
$\frac{1}{4}$	$1\frac{1}{2}$	1 $0\frac{1}{2}$	10 5	5 4 2
$\frac{3}{8}$	$1\frac{5}{8}$	1 $6\frac{1}{4}$	15 $7\frac{1}{2}$	7 16 3
$\frac{1}{2}$	$2\frac{1}{2}$	2 1	1 0 10	10 8 4
$\frac{5}{8}$	5	4 2	2 1 8	20 16 8
$\frac{3}{4}$	$7\frac{1}{2}$	6 3	3 2 6	31 5 0
1	10	8 4	4 3 4	41 13 4
$1\frac{1}{4}$	1 $0\frac{1}{2}$	10 5	5 4 2	52 1 8
$1\frac{1}{2}$	1 3	12 6	6 5 0	62 10 0
$1\frac{3}{4}$	1 $5\frac{1}{2}$	14 7	7 5 10	72 18 4
2	1 8	16 8	8 6 8	83 6 8
$2\frac{1}{4}$	1 $10\frac{1}{2}$	18 9	9 7 6	93 15 0
$2\frac{1}{2}$	2 1	1 0 10	10 8 4	104 3 4
$2\frac{3}{4}$	2 $3\frac{1}{2}$	1 2 11	11 9 2	114 11 8
3	2 6	1 5 0	12 10 0	125 0 0
$3\frac{1}{4}$	2 $8\frac{1}{2}$	1 7 1	13 10 10	135 8 4
$3\frac{1}{2}$	2 11	1 9 2	14 11 8	145 16 8
$3\frac{3}{4}$	3 $1\frac{1}{2}$	1 11 3	15 12 6	156 5 0
4	3 4	1 13 4	16 13 4	166 13 4
$4\frac{1}{4}$	3 $6\frac{1}{2}$	1 15 5	17 14 2	177 1 8
$4\frac{1}{2}$	3 9	1 17 6	18 15 0	187 10 0
$4\frac{3}{4}$	3 $11\frac{1}{2}$	1 19 7	19 15 10	197 18 4
5	4 2	2 1 8	20 16 8	208 6 8
$5\frac{1}{4}$	4 $4\frac{1}{2}$	2 3 9	21 17 6	218 15 0
$5\frac{1}{2}$	4 7	2 5 10	22 18 4	229 3 4
$5\frac{3}{4}$	4 $9\frac{1}{2}$	2 7 11	23 19 2	239 11 8
6	5 0	2 10 0	25 0 0	250 0 0
$6\frac{1}{4}$	5 $2\frac{1}{2}$	2 12 1	26 0 10	260 8 4
$6\frac{1}{2}$	5 5	2 14 2	27 1 8	270 16 8
$6\frac{3}{4}$	5 $7\frac{1}{2}$	2 16 3	28 2 6	281 5 0
7	5 10	2 18 4	29 3 4	291 13 4
$7\frac{1}{4}$	6 $0\frac{1}{2}$	3 0 5	30 4 2	302 1 8
$7\frac{1}{2}$	6 3	3 2 6	31 5 0	312 10 0
$7\frac{3}{4}$	6 $5\frac{1}{2}$	3 4 7	32 5 10	322 18 4
8	6 8	3 6 8	33 6 8	333 6 8
$8\frac{1}{4}$	6 $10\frac{1}{2}$	3 8 9	34 7 6	343 15 0
$8\frac{1}{2}$	7 1	3 10 10	35 8 4	354 3 4
$8\frac{3}{4}$	7 $3\frac{1}{2}$	3 12 11	36 9 2	364 11 8
9	7 6	3 15 0	37 10 0	375 0 0
$9\frac{1}{4}$	7 $8\frac{1}{2}$	3 17 1	38 10 10	385 8 4
$9\frac{1}{2}$	7 11	3 19 2	39 11 8	395 16 8
$9\frac{3}{4}$	8 $1\frac{1}{2}$	4 1 3	40 12 6	406 5 0
10	8 4	4 3 4	41 13 4	416 13 4
$10\frac{1}{4}$	8 $6\frac{1}{2}$	4 5 5	42 14 2	427 1 8
$10\frac{1}{2}$	8 9	4 7 6	43 15 0	437 10 0
$10\frac{3}{4}$	8 $11\frac{1}{2}$	4 9 7	44 15 10	447 18 4
11	9 2	4 11 8	45 16 8	458 6 8
$11\frac{1}{4}$	9 $4\frac{1}{2}$	4 13 9	46 17 6	468 15 0
$11\frac{1}{2}$	9 7	4 15 10	47 18 4	479 3 4
$11\frac{3}{4}$	9 $9\frac{1}{2}$	4 17 11	48 19 2	489 11 8

SUMLOCK CALCULATOR TABLE—No. 18

Feet and Inches and 1/8" as Decimals of a Yard

Feet	Inches.		1/8	1/4	3/8	1/2	5/8	3/4	7/8	Inches
—	0		.003472	.006944	.010416	.013888	.017361	.020833	.024305	—
—	1	.027777	.03125	.034722	.038194	.041666	.045138	.048611	.052083	1
—	2	.055555	.059027	.0625	.065972	.069444	.072916	.076388	.079861	2
—	3	.083333	.086805	.090277	.09375	.097222	.100694	.104166	.107638	3
—	4	.111111	.114583	.118055	.121527	.125	.128472	.131944	.135416	4
—	5	.138888	.142361	.145833	.149305	.152777	.15625	.159722	.163194	5
—	6	.166666	.170138	.173611	.177083	.180555	.184027	.1875	.190972	6
—	7	.194444	.197916	.201388	.204861	.208333	.211805	.215277	.21875	7
—	8	.222222	.225694	.229166	.232638	.236111	.239583	.243055	.246527	8
—	9	.25	.253472	.256944	.260416	.263888	.267361	.270833	.274305	9
—	10	.277777	.28125	.284722	.288194	.291666	.295138	.298611	.302083	10
—	11	.305555	.309027	.3125	.315972	.319444	.322916	.326388	.329861	11
1	—	.333333	.336805	.340277	.34375	.347222	.350694	.354166	.357638	12
1	1	.361111	.364583	.368055	.371527	.375	.378472	.381944	.385416	13
1	2	.388888	.392361	.395833	.399305	.402777	.40625	.409722	.413194	14
1	3	.416666	.420138	.423611	.427083	.430555	.434027	.4375	.440972	15
1	4	.444444	.447916	.451388	.454861	.458333	.461805	.465277	.46875	16
1	5	.472222	.475694	.479166	.482638	.486111	.489583	.493055	.496527	17
1	6	.5	.503472	.506944	.510416	.513888	.517361	.520833	.524305	18
1	7	.527777	.53125	.534722	.538194	.541666	.545138	.548611	.552083	19
1	8	.555555	.559027	.5625	.565972	.569444	.572916	.576388	.579861	20
1	9	.583333	.586805	.590277	.59375	.597222	.600694	.604166	.607638	21
1	10	.611111	.614583	.618055	.621527	.625	.628472	.631944	.635416	22
1	11	.638888	.642361	.645833	.649305	.652777	.65625	.659722	.663194	23
2	—	.666666	.670138	.673611	.677083	.680555	.684027	.6875	.690972	24
2	1	.694444	.697916	.701388	.704861	.708333	.711805	.715277	.71875	25
2	2	.722222	.725694	.729166	.732638	.736111	.739583	.743055	.746527	26
2	3	.75	.753472	.756944	.760416	.763888	.767361	.770833	.774305	27
2	4	.777777	.78125	.784722	.788194	.791666	.795138	.798611	.802083	28
2	5	.805555	.809027	.8125	.815972	.819444	.822916	.826388	.829861	29
2	6	.833333	.836805	.840277	.84375	.847222	.850694	.854166	.857638	30
2	7	.861111	.864583	.868055	.871527	.875	.878472	.881944	.885416	31
2	8	.888888	.892361	.895833	.899305	.902777	.90625	.909722	.913194	32
2	9	.916666	.920138	.923611	.927083	.930555	.934027	.9375	.940972	33
2	10	.944444	.947916	.951388	.954861	.958333	.961805	.965277	.96875	34
2	11	.972222	.975694	.979166	.982638	.986111	.989583	.993055	.996527	35

SUMLOCK CALCULATOR TABLE—No. 19

Timber Card

Decimals of One Standard for One Running Foot, for each $\frac{1}{8}$ -inch thickness and each $\frac{1}{8}$ -inch width.

In the case of these decimals the final figure shown is the EIGHTH decimal place. Where five figures are shown three 000's should precede the figures; where six figures are shown two 00's only. First accumulate the running feet, then multiply the total running feet by the decimal equivalent shown opposite the thickness and width.

Ins.	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
$\frac{1}{8}$	01315	01578	01841	02104	02367	02630	02894	03157	03420	03683	03946	04209	04472	04735	04998	05261	05524
$\frac{1}{4}$	02630	03157	03683	04209	04735	05261	05787	06313	06839	07365	07891	08418	08944	09470	09996	10522	11048
$\frac{3}{8}$	03946	04735	05524	06313	07102	07891	08681	09470	10259	11048	11837	12626	13415	14205	14994	15783	16572
$\frac{1}{2}$	05261	06313	07365	08418	09470	10522	11574	12626	13678	14731	15783	16835	17887	18939	19992	21044	22096
$\frac{5}{8}$	06576	07891	09207	10522	11837	13152	14468	15783	17098	18413	19729	21044	22359	23674	24989	26305	27620
$\frac{3}{4}$	07891	09470	11048	12626	14205	15783	17361	18939	20518	22096	23674	25253	26831	28409	29987	31566	33144
$\frac{7}{8}$	09207	11048	12889	14731	16572	18413	20255	22096	23937	25779	27620	29461	31303	33144	34985	36827	38668
1	10522	12626	14731	16835	18939	21044	23148	25253	27357	29461	31566	33670	35774	37879	39983	42088	44192
$1\frac{1}{8}$	11837	14205	16572	18939	21307	23674	26042	28409	30777	33144	35511	37879	40246	42614	44981	47348	49716
$1\frac{1}{4}$	13152	15783	18413	21044	23674	26305	28935	31566	34196	36827	39457	42088	44718	47348	49979	52609	55240
$1\frac{1}{2}$	14468	17361	20255	23148	26042	28935	31829	34722	37616	40509	43403	46296	49190	52083	54977	57870	60764
$1\frac{3}{4}$	15783	18939	22096	25253	28409	31566	34722	37879	41035	44192	47348	50505	53662	56818	59975	63131	66288
$1\frac{7}{8}$	17098	20518	23937	27357	30777	34196	37616	41035	44455	47875	51294	54714	58133	61553	64973	68392	71812
$1\frac{5}{8}$	18413	22096	25779	29461	33144	36827	40509	44192	47875	51557	55240	58923	62605	66288	69971	73653	77336
$1\frac{3}{4}$	19729	23674	27620	31566	35511	39457	43403	47348	51294	55240	59186	63131	67077	71023	74968	78914	82860
2	21044	25253	29461	33670	37879	42088	46296	50505	54714	58923	63131	67340	71549	75758	79966	84175	88384
$2\frac{1}{8}$	22359	26831	31303	35774	40246	44718	49190	53662	58133	62605	67077	71549	76021	80492	84964	89436	93908
$2\frac{1}{4}$	23674	28409	33144	37879	42614	47348	52083	56818	61553	66288	71023	75758	80492	85227	89962	94697	99432
$2\frac{1}{2}$	24989	29987	34985	39983	44981	49979	54977	59975	64973	69971	74968	79966	84964	89962	94960	99958	104956
$2\frac{3}{4}$	26305	31566	36827	42088	47348	52609	57870	63131	68392	73653	78914	84175	89436	94697	99958	105219	110480
$2\frac{7}{8}$	27620	33144	38668	44192	49716	55240	60764	66288	71812	77336	82860	88384	93908	99432	104956	110480	116004
$2\frac{5}{8}$	28935	34722	40509	46296	52083	57870	63657	69444	75231	81019	86806	92593	98380	104167	109954	115741	121528
$2\frac{3}{4}$	30250	36301	42351	48401	54451	60501	66551	72601	78651	84701	90751	96801	102851	108902	114952	121002	127052
3	31566	37879	44192	50505	56818	63131	69444	75758	82071	88384	94697	101010	107323	113636	119949	126263	132576

width

thickness

SUMLOCK

CALCULATOR TABLE—No. 20

Daily Interest based on 365 DAY YEAR.

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Day	January	February	March	April	May	June	July	August	September	October	November	December
1	1 -002740 364	32 -007671 333	60 -164384 305	91 -249315 274	121 -331507 244	152 -416438 213	182 -490630 183	213 -503562 152	244 -660493 121	274 -750685 91	305 -835616 60	335 -917800 30
2	2 -005479 363	33 -090411 332	61 -167123 304	92 -252055 273	122 -334247 243	153 -419178 212	183 -501370 182	214 -586301 151	245 -671233 120	275 -753425 90	306 -838356 59	336 -920548 29
3	3 -008220 362	34 -093151 331	62 -169863 303	93 -254794 272	123 -336986 242	154 -421918 211	184 -504110 181	215 -589041 150	246 -673973 119	276 -756164 89	307 -841096 58	337 -923288 28
4	4 -010959 361	35 -095890 330	63 -172603 302	94 -257534 271	124 -339726 241	155 -424657 210	185 -506849 180	216 -591781 149	247 -676712 118	277 -758904 88	308 -843836 57	338 -926027 27
5	5 -013699 360	36 -098630 329	64 -175342 301	95 -260274 270	125 -342466 240	156 -427397 209	186 -509589 179	217 -594520 148	248 -679452 117	278 -761644 87	309 -846575 56	339 -928767 26
6	6 -016438 359	37 -101370 328	65 -178082 300	96 -263014 269	126 -345205 239	157 -430137 208	187 -512329 178	218 -597260 147	249 -682192 116	279 -764384 86	310 -849315 55	340 -931507 25
7	7 -019178 358	38 -104110 327	66 -180822 299	97 -265753 268	127 -347945 238	158 -432877 207	188 -515068 177	219 -6 146	250 -684931 115	280 -767123 85	311 -852055 54	341 -934247 24
8	8 -021918 357	39 -106849 326	67 -183562 298	98 -268493 267	128 -350685 237	159 -435616 206	189 -517808 176	220 -602740 145	251 -687671 114	281 -769863 84	312 -854794 53	342 -936986 23
9	9 -024657 356	40 -109589 325	68 -186301 297	99 -271233 266	129 -353425 236	160 -438356 205	190 -520548 175	221 -605479 144	252 -690411 113	282 -772603 83	313 -857534 52	343 -939726 22
10	10 -027397 355	41 -112329 324	69 -189041 296	100 -273973 265	130 -356165 235	161 -441096 204	191 -523288 174	222 -608219 143	253 -693151 112	283 -775342 82	314 -860274 51	344 -942466 21
11	11 -030137 354	42 -115068 323	70 -191781 295	101 -276712 264	131 -358904 234	162 -443836 203	192 -526027 173	223 -610959 142	254 -695890 111	284 -778082 81	315 -863014 50	345 -945205 20
12	12 -032877 353	43 -117808 322	71 -194520 294	102 -279452 263	132 -361644 233	163 -446575 202	193 -528767 172	224 -613699 141	255 -698630 110	285 -780822 80	316 -865753 49	346 -947945 19
13	13 -035616 352	44 -120548 321	72 -197260 293	103 -282192 262	133 -364384 232	164 -449315 201	194 -531507 171	225 -616438 140	256 -701370 109	286 -783562 79	317 -868493 48	347 -950685 18
14	14 -038356 351	45 -123288 320	73 -2 292	104 -284931 261	134 -367123 231	165 -452055 200	195 -534247 170	226 -619178 139	257 -704110 108	287 -786301 78	318 -871233 47	348 -953425 17
15	15 -041096 350	46 -126027 319	74 -202740 291	105 -287767 260	135 -369863 230	166 -454794 199	196 -536986 169	227 -621918 138	258 -706849 107	288 -789041 77	319 -873973 46	349 -956164 16
16	16 -043836 349	47 -128767 318	75 -205479 290	106 -290411 259	136 -372603 229	167 -457534 198	197 -539726 168	228 -624657 137	259 -709589 106	289 -791781 76	320 -876712 45	350 -958904 15
17	17 -046575 348	48 -131507 317	76 -208219 289	107 -293151 258	137 -375342 228	168 -460274 197	198 -542466 167	229 -627397 136	260 -712329 105	290 -794520 75	321 -879452 44	351 -961644 14
18	18 -049315 347	49 -134247 316	77 -210959 288	108 -295890 257	138 -378082 227	169 -463014 196	199 -545205 166	230 -630137 135	261 -715068 104	291 -797260 74	322 -882192 43	352 -964384 13
19	19 -052055 346	50 -136986 315	78 -213699 287	109 -298630 256	139 -380822 226	170 -465753 195	200 -547945 165	231 -632877 134	262 -717808 103	292 -8 73	323 -884931 42	353 -967123 12
20	20 -054794 345	51 -139726 314	79 -216438 286	110 -301370 255	140 -383562 225	171 -468493 194	201 -550685 164	232 -635616 133	263 -720548 102	293 -802740 72	324 -887671 41	354 -969863 11
21	21 -057534 344	52 -142466 313	80 -219178 285	111 -304110 254	141 -386301 224	172 -471233 193	202 -553425 163	233 -638356 132	264 -723288 101	294 -805479 71	325 -890411 40	355 -972603 10
22	22 -060274 343	53 -145205 312	81 -221918 284	112 -306849 253	142 -389041 223	173 -473973 192	203 -556164 162	234 -641097 131	265 -726027 100	295 -808219 70	326 -893151 39	356 -975342 9
23	23 -063014 342	54 -147945 311	82 -224657 283	113 -309589 252	143 -391781 222	174 -476712 191	204 -558904 161	235 -643836 130	266 -728767 99	296 -810959 69	327 -85890 38	357 -978082 8
24	24 -065753 341	55 -150685 310	83 -227397 282	114 -312329 251	144 -394520 221	175 -479452 190	205 -561644 160	236 -646575 129	267 -731507 98	297 -813699 68	328 -898630 37	358 -980822 7
25	25 -068493 340	56 -153425 309	84 -230137 281	115 -315068 250	145 -397260 220	176 -482192 189	206 -564384 159	237 -649315 128	268 -734247 97	298 -816438 67	329 -901370 36	359 -983562 6
26	26 -071233 339	57 -156164 308	85 -232877 280	116 -317808 249	146 -4 219	177 -484931 188	207 -567123 158	238 -652055 127	269 -736986 96	299 -819178 66	330 -904110 35	360 -986301 5
27	27 -073973 338	58 -158904 307	86 -235616 279	117 -320548 248	147 -402740 218	178 -487671 187	208 -569863 157	239 -654794 126	270 -739726 95	300 -821918 65	331 -906849 34	361 -989041 4
28	28 -076712 337	59 -161644 306	87 -238356 278	118 -323288 247	148 -405479 217	179 -490411 186	209 -572603 156	240 -657534 125	271 -742466 94	301 -824575 64	332 -909589 33	362 -991781 3
29	29 -079452 336	60 -241096 305	88 -241096 277	119 -326027 246	149 -408219 216	180 -493151 185	210 -575342 155	241 -660274 124	272 -745205 93	302 -827397 63	333 -912329 32	363 -994520 2
30	30 -082192 335	61 -243836 304	89 -243836 276	120 -328767 245	150 -410959 215	181 -495890 184	211 -578082 154	242 -663014 123	273 -747945 92	303 -830137 62	334 -915068 31	364 -997260 1
31	31 -084931 334	62 -246575 275	90 -246575 275	121 -413699 214	151 -413699 214	182 -580822 153	212 -665753 122	243 -832877 91	274 -832877 61	304 -832877 61	335 -917800 30	365 -997260 1

PLEASE TURN TO REVERSE SIDE OF THIS CHART FOR EXPLANATION.

Daily Interest Card based on 365 DAY YEAR.

The TOP number in each square is the inclusive number of days from January 1st to the date required.

The CENTRE figure is the inclusive decimal part of a year from January 1st.

The LOWER figure is the number of days to the end of the year.

METHOD OF OPERATION.

(1) How to find the decimal part of one year for the elapsed period between any two dates.

Example: Find elapsed period from 16th May, 1944, to 4th April, 1945.

Add in the Machine 45.257534, being the last two figures of the "maturing year," and the decimal for the 4th April.

Subtract from this 44.372603, being the last two figures for the "beginning date," and the decimal for the 16th May, the answer being the decimal for the time elapsed between the two dates.

INTEREST CALCULATIONS.

Example: How to find the interest on £325 at $3\frac{1}{2}$ per cent. from April 15th, 1944, to 7th October, 1944.

Add in the Machine 44.767123, the year and date for 7th October.

Subtract from this 44.287671, the date and decimal for the year 15th April, 1944.

This leaves .479452 in the register and is the interest decimal part of a year.

Multiply this figure over by the principal (£325) = 155.8219.

Multiply the answer over by the rate (.035) and the final answer will be £5 . 9 . 1.

Note: B.d.i. means "both dates inclusive," therefore always add into the Machine the decimal for the following day; in this particular case 8th October, 1944.

Subtract decimal for 15th April, 1944.

INSURANCE CALCULATIONS.

Example: How to find premium earned and to be refunded on a three-year Policy for £2,000, dated 16th May, 1945, cancelled 3rd October, 1947, premium £55.

Add in the Machine the last two figures of the year and the decimal for 3rd October = 47.756164.

Subtract from this the year and the decimal for 16th May, 1945 = 45.372603, the difference being 2.383561. (Number of years and decimal of a year).

Multiply over by the premium and divide by 3 (being a 3-years' policy).

The answer is the premium earned, namely, £43 . 14 . 0.

Subtract this from £55 (original premium). The answer is then the amount to be refunded—£11 . 6 . 0.

SUMLOCK CALCULATOR TABLE—No. 22

Ounces and Drams as Decimals of one Pound

Oz. Dr.	Decimal	Oz. Dr.	Decimal	Oz. Dr.	Decimal	Oz. Dr.	Decimal	Oz. Dr.	Decimal	Oz. Dr.	Decimal
0 0		3 0	.1875	6 0	.375	9 0	.5625	12 0	.75	15 0	.9375
0 1	-.0039	3 1	.1914	6 1	.3789	9 1	.5664	12 1	.7539	15 1	.9414
0 2	-.0078	3 2	.1953	6 2	.3828	9 2	.5703	12 2	.7578	15 2	.9453
0 3	-.0117	3 3	.1992	6 3	.3867	9 3	.5742	12 3	.7617	15 3	.9492
0 4	-.0156	3 4	.2031	6 4	.3906	9 4	.5781	12 4	.7656	15 4	.9531
0 5	-.0195	3 5	.2070	6 5	.3945	9 5	.5820	12 5	.7695	15 5	.9570
0 6	-.0234	3 6	.2109	6 6	.3984	9 6	.5859	12 6	.7734	15 6	.9609
0 7	-.0273	3 7	.2148	6 7	.4023	9 7	.5898	12 7	.7773	15 7	.9648
0 8	-.0313	3 8	.2188	6 8	.4063	9 8	.5938	12 8	.7813	15 8	.9688
0 9	-.0352	3 9	.2227	6 9	.4102	9 9	.5977	12 9	.7852	15 9	.9727
0 10	-.0391	3 10	.2266	6 10	.4141	9 10	.6016	12 10	.7891	15 10	.9766
0 11	-.0430	3 11	.2305	6 11	.4180	9 11	.6055	12 11	.7930	15 11	.9805
0 12	-.0469	3 12	.2344	6 12	.4219	9 12	.6094	12 12	.7969	15 12	.9844
0 13	-.0508	3 13	.2383	6 13	.4258	9 13	.6133	12 13	.8008	15 13	.9883
0 14	-.0547	3 14	.2422	6 14	.4297	9 14	.6172	12 14	.8047	15 14	.9922
0 15	-.0586	3 15	.2461	6 15	.4336	9 15	.6211	12 15	.8086	15 15	.9961
1 0	-.0625	4 0	.25	7 0	.4375	10 0	.625	13 0	.8125		
1 1	-.0664	4 1	.2539	7 1	.4414	10 1	.6289	13 1	.8164		
1 2	-.0703	4 2	.2578	7 2	.4453	10 2	.6328	13 2	.8203		
1 3	-.0742	4 3	.2617	7 3	.4492	10 3	.6367	13 3	.8242		
1 4	-.0781	4 4	.2656	7 4	.4531	10 4	.6406	13 4	.8281		
1 5	-.0820	4 5	.2695	7 5	.4570	10 5	.6445	13 5	.8320		
1 6	-.0859	4 6	.2734	7 6	.4609	10 6	.6484	13 6	.8359		
1 7	-.0898	4 7	.2773	7 7	.4648	10 7	.6523	13 7	.8398		
1 8	-.0938	4 8	.2813	7 8	.4688	10 8	.6563	13 8	.8438		
1 9	-.0977	4 9	.2852	7 9	.4727	10 9	.6602	13 9	.8477		
1 10	-.1016	4 10	.2891	7 10	.4766	10 10	.6641	13 10	.8516		
1 11	-.1055	4 11	.2930	7 11	.4805	10 11	.6680	13 11	.8555		
1 12	-.1094	4 12	.2969	7 12	.4844	10 12	.6719	13 12	.8594		
1 13	-.1133	4 13	.3008	7 13	.4883	10 13	.6758	13 13	.8633		
1 14	-.1172	4 14	.3047	7 14	.4922	10 14	.6797	13 14	.8672		
1 15	-.1211	4 15	.3086	7 15	.4961	10 15	.6836	13 15	.8711		
2 0	-.125	5 0	.3125	8 0	.5	11 0	.6875	14 0	.875		
2 1	-.1289	5 1	.3164	8 1	.5039	11 1	.6914	14 1	.8789		
2 2	-.1328	5 2	.3203	8 2	.5078	11 2	.6953	14 2	.8828		
2 3	-.1367	5 3	.3242	8 3	.5117	11 3	.6992	14 3	.8867		
2 4	-.1406	5 4	.3281	8 4	.5156	11 4	.7031	14 4	.8906		
2 5	-.1445	5 5	.3320	8 5	.5195	11 5	.7070	14 5	.8945		
2 6	-.1484	5 6	.3359	8 6	.5234	11 6	.7109	14 6	.8984		
2 7	-.1523	5 7	.3398	8 7	.5273	11 7	.7148	14 7	.9023		
2 8	-.1563	5 8	.3438	8 8	.5313	11 8	.7188	14 8	.9063		
2 9	-.1602	5 9	.3477	8 9	.5352	11 9	.7227	14 9	.9102		
2 10	-.1641	5 10	.3516	8 10	.5391	11 10	.7266	14 10	.9141		
2 11	-.1680	5 11	.3555	8 11	.5430	11 11	.7305	14 11	.9180		
2 12	-.1719	5 12	.3594	8 12	.5469	11 12	.7344	14 12	.9219		
2 13	-.1758	5 13	.3633	8 13	.5508	11 13	.7383	14 13	.9258		
2 14	-.1797	5 14	.3672	8 14	.5547	11 14	.7422	14 14	.9297		
2 15	-.1836	5 15	.3711	8 15	.5586	11 15	.7461	14 15	.9336		

SUMLOCK CALCULATOR TABLE—No. 23

Warp and Beam Weight Calculations for Cotton Yarns

Counts	Counts Constant	Counts	Counts Constant	Counts	Counts Constant	Counts	Counts Constant
10	11905	40	2976	70	1701	100	1190
11	10823	41	2904	71	1677	101	1178
12	9921	42	2834	72	1653	102	1167
13	9158	43	2769	73	1631	103	1155
14	8504	44	2706	74	1609	104	1144
15	7936	45	2646	75	1587	105	1133
16	7441	46	2588	76	1566	106	1123
17	7002	47	2533	77	1546	107	1112
18	6614	48	2480	78	1526	108	1102
19	6266	49	2430	79	1507	109	1092
20	5952	50	2381	80	1488	110	1082
21	5669	51	2334	81	1470	111	1072
22	5411	52	2289	82	1452	112	1063
23	5176	53	2246	83	1434	113	1053
24	4960	54	2205	84	1417	114	1044
25	4762	55	2165	85	1400	115	1035
26	4579	56	2126	86	1384	116	1026
27	4409	57	2089	87	1368	117	1017
28	4252	58	2053	88	1353	118	1009
29	4105	59	2018	89	1338	119	1000
30	3968	60	1984	90	1323	120	992
31	3840	61	1951	91	1308	121	984
32	3720	62	1920	92	1294	122	976
33	3608	63	1889	93	1280	123	968
34	3501	64	1860	94	1266	124	960
35	3401	65	1831	95	1253	125	952
36	3307	66	1804	96	1240	126	944
37	3218	67	1777	97	1227	127	937
38	3133	68	1751	98	1215	128	930
39	3053	69	1726	99	1202	129	923

NOTES

Multiply the number of ends by the number of yards, always commencing at the right of the Machine, working to the left (if all whole numbers). Multiply over by the COUNTS CONSTANT from the Chart. Answer equals Pounds (lbs.).

When using the Chart always remember that the figure given is to the eighth decimal place, so if 4 figures are shown add 4 noughts to the left. If 5 figures are shown add 3 noughts. If 3 figures are shown add 5 noughts.

The chart is made up from the Counts multiplied by 840 divided into 1.

Example :

2,450 ends 128's × 15,000 yards

With the Chart, this becomes :—

$$2,450 \times 15,000 \times .0000930 = 341 \text{ lbs. } 12\frac{1}{2} \text{ ozs.}$$

which is the weight of the sett or beams.

Counts Under 10's : Should the number of Counts include $\frac{1}{4}$, $\frac{1}{2}$ or $\frac{3}{4}$, the Counts Constants for the fractions required from the Table must be added to the larger Counts Constant concerned.

Counts	Counts Constant
$\frac{1}{4}$	476190
$\frac{1}{2}$	238095
$\frac{3}{4}$	158730
1	119047
2	59524
3	39683
4	29762
5	23810
6	19841
7	17007
8	14881
9	13228

Example : (For the use of the above subsidiary Table)

$11\frac{1}{2}$ Counts

11 Counts Constant as shown on Chart 00010823
 $\frac{1}{2}$ Counts Constant as shown on Chart 00476190

Therefore $11\frac{1}{2}$ Counts Constant = 00487013

SUMLOCK CALCULATOR TABLE—No. 24

Indian Currency Annas and Pies in Decimals of One Rupee

Annas	Pies	Decimal	Annas	Pies	Decimal	Annas	Pies	Decimal	Annas	Pies	Decimal	Annas	Pies	Decimal
0	0		3	0	.1875	6	0	.375	9	0	.5625	12	0	.75
	1	.005208		1	.192708		1	.38208		1	.567708		1	.755208
	2	.010417		2	.197917		2	.385417		2	.572917		2	.760417
	3	.015625		3	.203125		3	.390625		3	.578125		3	.765625
	4	.020833		4	.208333		4	.395833		4	.583333		4	.770833
	5	.026042		5	.213542		5	.401042		5	.588542		5	.776042
0	6	.03125	3	6	.21875	6	6	.40625	9	6	.59375	12	6	.78125
	7	.036458		7	.223958		7	.411458		7	.598958		7	.786458
	8	.041667		8	.229167		8	.416667		8	.604167		8	.791667
	9	.046875		9	.234375		9	.421875		9	.609375		9	.796875
	10	.052083		10	.239583		10	.427083		10	.614583		10	.802083
	11	.057292		11	.244792		11	.432292		11	.619792		11	.807292
1	0	.0625	4	0	.25	7	0	.4375	10	0	.625	13	0	.8125
	1	.067708		1	.255208		1	.442708		1	.630208		1	.817708
	2	.072917		2	.260417		2	.447917		2	.635417		2	.822917
	3	.078125		3	.265625		3	.453125		3	.640625		3	.828125
	4	.083333		4	.270833		4	.458333		4	.645833		4	.833333
	5	.088542		5	.276042		5	.463542		5	.651042		5	.838542
1	6	.09375	4	6	.28125	7	6	.46875	10	6	.65625	13	6	.84375
	7	.098958		7	.286458		7	.473958		7	.661458		7	.848958
	8	.104167		8	.291667		8	.479167		8	.666667		8	.854167
	9	.109375		9	.296875		9	.484375		9	.671875		9	.859375
	10	.114583		10	.302083		10	.489583		10	.677083		10	.864583
	11	.119792		11	.307292		11	.494792		11	.682292		11	.869792
2	0	.125	5	0	.3125	8	0	.5	11	0	.6875	14	0	.875
	1	.130208		1	.317708		1	.505208		1	.692708		1	.880208
	2	.135417		2	.322917		2	.510417		2	.697917		2	.885417
	3	.140625		3	.328125		3	.515625		3	.703125		3	.890625
	4	.145833		4	.333333		4	.520833		4	.708333		4	.895833
	5	.151042		5	.338542		5	.526042		5	.713542		5	.901042
2	6	.15625	5	6	.34375	8	6	.53125	11	6	.71875	14	6	.90625
	7	.161458		7	.348958		7	.536458		7	.723958		7	.911458
	8	.166667		8	.354167		8	.541667		8	.729167		8	.916667
	9	.171875		9	.359375		9	.546875		9	.734375		9	.921875
	10	.177083		10	.364583		10	.552083		10	.739583		10	.927083
	11	.182292		11	.369792		11	.557292		11	.744792		11	.932292
												15	0	.9375
													1	.942708
													2	.947917
													3	.953125
													4	.958333
													5	.963542
												15	6	.96875
													7	.973958
													8	.979167
													9	.984375
													10	.989583
													11	.994792

SUMLOCK CALCULATOR TABLE—No. 25

Decimals of Square Yards, in pieces One Yard long,
at varying widths in Inches

Width in Inches	Decimal of square yards
11	.30555
12	.33333
13	.36111
14	.38888
15	.41666
16	.44444
17	.47222
18	.50000
19	.52777
20	.55555
21	.58333
22	.61111
23	.63888
24	.66666
25	.69444
26	.72222
27	.75
28	.77777
29	.80555
30	.83333
31	.86111
32	.88888
33	.91666
34	.94444
35	.97222
36	1.00000
37	1.02777
38	1.05555
39	1.08333
40	1.11111

Width in Inches	Decimal of square yards
41	1.13888
42	1.16666
43	1.19444
44	1.22222
45	1.25
46	1.27777
47	1.30555
48	1.33333
49	1.36111
50	1.38888
51	1.41666
52	1.44444
53	1.47222
54	1.50000
55	1.52777
56	1.55555
57	1.58333
58	1.61111
59	1.63888
60	1.66666
61	1.69444
62	1.72222
63	1.75
64	1.77777
65	1.80555
66	1.83333
67	1.86111
68	1.88888
69	1.91666
70	1.94444

Width in Inches	Decimal of square yards
71	1.97222
72	2.00
73	2.02777
74	2.05555
75	2.08333
76	2.11111
77	2.13888
78	2.16666
79	2.19444
80	2.22222
81	2.25
82	2.27777
83	2.30555
84	2.33333
85	2.36111
86	2.38888
87	2.41666
88	2.44444
89	2.47222
90	2.5
91	2.52777
92	2.55555
93	2.58333
94	2.61111
95	2.63888
96	2.66666
97	2.69444
98	2.72222
99	2.75
100	2.77777

SUMLOCK CALCULATOR TABLE—No. 26

£1 Accumulated at Yearly Compound Interest

Years	5%	4½%	4%	3½%	3%	2½%	2%	1½%	1%
1	1.0500	1.045	1.0400	1.0350	1.0300	1.0250	1.0200	1.0150	1.0100
2	1.1025	1.0920	1.0816	1.0712	1.0609	1.0506	1.0404	1.0302	1.0201
3	1.1576	1.1412	1.12486	1.1087	1.0927	1.0769	1.0612	1.0457	1.0303
4	1.2155	1.1925	1.16986	1.1475	1.1255	1.1038	1.0824	1.06136	1.0406
5	1.2763	1.2462	1.21665	1.1877	1.1593	1.1314	1.1041	1.0073	1.0510
6	1.3401	1.30226	1.2653	1.22926	1.19405	1.1597	1.12616	1.09344	1.0615
7	1.4071	1.36086	1.3159	1.2723	1.2299	1.1887	1.1487	1.10984	1.07214
8	1.47746	1.4221	1.3686	1.3168	1.2668	1.2184	1.17166	1.1265	1.08286
9	1.5513	1.4861	1.4233	1.3629	1.3048	1.24886	1.1951	1.1434	1.0937
10	1.6289	1.5530	1.48024	1.4106	1.3439	1.2801	1.2190	1.16054	1.1046
11	1.7103	1.62285	1.53945	1.4600	1.3842	1.3121	1.2434	1.17795	1.1157
12	1.79586	1.6959	1.6010	1.5111	1.42576	1.3449	1.26824	1.1956	1.1268
13	1.88565	1.7722	1.6651	1.56396	1.4685	1.3785	1.2936	1.21355	1.1381
14	1.9799	1.85194	1.7317	1.6187	1.5126	1.4130	1.3195	1.23176	1.1495
15	2.0789	1.9353	1.80094	1.67535	1.5580	1.4483	1.3459	1.2502	1.1610
16	2.1829	2.0224	1.8730	1.7340	1.6047	1.4845	1.3728	1.2690	1.1726
17	2.2920	2.1134	1.9479	1.7947	1.65285	1.5216	1.40024	1.2880	1.1843
18	2.4066	2.2085	2.0258	1.8575	1.7024	1.55966	1.42825	1.30734	1.19615
19	2.52695	2.30786	2.10685	1.9225	1.7535	1.59865	1.4568	1.32695	1.2081
20	2.6533	2.4117	2.1911	1.9898	1.8061	1.6386	1.48595	1.34685	1.2202
21	2.78596	2.52024	2.2788	2.0594	1.8603	1.6796	1.5157	1.36706	1.2324
22	2.92526	2.63365	2.3699	2.1315	1.9161	1.7216	1.5460	1.38756	1.2447
23	3.0715	2.7522	2.4647	2.2061	1.9736	1.7646	1.5769	1.4084	1.25716
24	3.2251	2.8760	2.5633	2.2833	2.0328	1.8087	1.60844	1.4295	1.2697
25	3.38635	3.0054	2.6658	2.36324	2.0938	1.85394	1.6406	1.45094	1.2824