

$\frac{1}{4} + \frac{1}{2} + \frac{1}{3}$
Wrench

n
 $\frac{1}{2}$ S_n
 1.5

related to Harm. series
type 1
of Arith. (to approx)

Gleason says student of his called Walter Stewart worked on this problem.

SELECTED PARTIAL SUMS OF THE HARMONIC SERIES

Please enter the circled numbers

n	S_n	n	S_n
3	1.83333 33333	33616	10.99998 79618
4	2.08333 33333	33617	11.00001 77086
10	2.92896 82540	91379	11.99999 21084
11	3.01987 73449	91380	12.00000 30517
30	3.99498 71309	248396	12.99999 72037
31	4.02724 51954	248397	13.00000 12295
82	4.99002 00799	675213	13.99999 98810
83	5.00206 82727	675214	14.00000 13627
226	5.99996 14220	1835420	14.99999 98334
227	6.00436 67083	1835421	15.00000 03783
615	6.99965 07205	4989190	15.99999 98950
616	7.00127 40971	4989191	16.00000 00955
1673	7.99988 82004	13562026	16.99999 99411
1674	8.00048 55720	13562027	17.00000 00148
4549	8.99998 82827	36865411	17.99999 99766
4550	9.00020 80629	36865412	18.00000 00037
12366	9.99996 21479	100210580	18.99999 99998
12367	10.00004 30083	100210581	19.00000 00097

TABLE OF $e^{N-\gamma}$ TO 16S FOR $N=1(1)20$

N	$e^{N-\gamma}$			
1	1.	52620	51115	95864
2	4.	14865	56213	52346
3	11.	27721	51880	5655
4	30.	65464	91213	1648
5	83.	32797	56642	6262
6	226.	50892	20504	426
7	615.	71508	67935	645
8	1673.	68713	19390	30
9	4549.	55331	72756	03
10	12366.	96810	99558	4
	33616.	90468	64254	6
	91380.	22113	81500	6
11	2	48397.	19460	04024
12	6	75213.	58032	24792
13	18	35420.	80559	3095
14	49	89191.	02376	2615
15	135	62027.	29860	490
16	368	65412.	36286	327
17	1002	10580.	52462	05
18	2724	00600.	05940	78
19	1509	26886	22113	78832
20	63264	53810	14498	59497.
				36935
				36410

Friden RSQ Calculator