Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	Ø
	39 + 8/16 + 10/20	1	Exact	∞
	$39 + \frac{8}{16} + \frac{22}{44}$	1	Exact	∞
	$39 + \frac{10}{15} + \frac{9}{27}$	1	Exact	∞
1	$39 + \frac{10}{15} + \frac{13}{39}$	1	Exact	∞
	$39 + \frac{10}{15} + \frac{17}{51}$	1	Exact	∞
	$39 + \frac{19}{21} + \frac{6}{63}$	1	Exact	∞
	39 + 4/18 + 49/63	1	Exact	∞
	19 + 4/16 + 15/20	1	Exact	∞
	19 + 4/16 + 33/44	1	Exact	∞
	$19 + \frac{5}{15} + \frac{18}{27}$	1	Exact	∞
2	$19 + \frac{5}{15} + \frac{26}{39}$	1	Exact	∞
	$19 + \frac{5}{15} + \frac{34}{51}$	1	Exact	∞
	$19 + \frac{20}{21} + \frac{3}{63}$	1	Exact	∞
	$19 + \frac{2}{18} + \frac{56}{63}$	1	Exact	∞
	$12 + \frac{11}{15} + \frac{12}{20}$	1	Exact	∞
3	$12 + \frac{10}{15} + \frac{26}{39}$	1	Exact	∞
	$12 + \frac{12}{18} + \frac{42}{63}$	1	Exact	∞
	$9 + \frac{10}{20} + \frac{22}{44}$	1	Exact	∞
	9 + 10/15 + 9/27	1	Exact	∞
	$9 + \frac{10}{15} + \frac{13}{39}$	1	Exact	∞
4	$9 + \frac{10}{15} + \frac{17}{51}$	1	Exact	∞
	9 + 10/21 + 33/63	1	Exact	∞
	9 + 10/18 + 28/63	1	Exact	∞
	7 + 8/16 + 10/20	1	Exact	∞
_	7 + 8/16 + 22/44	1	Exact	∞
5	7 + 8/21 + 39/63	1	Exact	∞
	7 + 8/18 + 35/63	1	Exact	∞
	$5 + \frac{13}{15} + \frac{16}{20}$	1	Exact	∞
6	$6 + \frac{5}{15} + \frac{13}{39}$	1	Exact	∞
	$6 + \frac{6}{18} + \frac{21}{63}$	1	Exact	∞
	$5 + \frac{1}{21} + \frac{22}{33}$	1	Exact	∞
	$5 + \frac{1}{21} + \frac{38}{57}$	1	Exact	∞
7	$5 + \frac{3}{21} + \frac{36}{63}$	1	Exact	∞
·	$5 + \frac{12}{18} + \frac{1}{21}$	1	Exact	∞
	$5 + \frac{12}{18} + \frac{3}{63}$	1	Exact	∞
	$4 + \frac{5}{20} + \frac{33}{44}$	1	Exact	∞
	4+5/20+35/44 4+5/15+18/27	1	Exact	∞
8	4+5/15+26/39	1	Exact	∞
	4 + 5/15 + 34/51	1	Exact	∞
	4+5/13+48/63	1	Exact	∞
	$4 + \frac{7}{21} + \frac{7}{63}$	1	Exact	∞
	$4 + \frac{7}{21} + \frac{7}{63}$ $4 + \frac{2}{18} + \frac{11}{33}$	1	Exact	∞
9	$4 + \frac{2}{18} + \frac{11}{33}$ $4 + \frac{2}{18} + \frac{19}{57}$	1	Exact	∞
	$3 + \frac{10}{18} + \frac{56}{63}$	1	Exact	∞
	$3 + \frac{10}{18} + \frac{30}{63}$ $3 + \frac{4}{16} + \frac{15}{20}$	1	Exact	
	$3 + \frac{4}{16} + \frac{10}{20}$ $3 + \frac{4}{16} + \frac{33}{44}$	1	Exact Exact	∞
10	$3 + \frac{4}{16} + \frac{53}{44}$ $3 + \frac{4}{21} + \frac{51}{63}$	1	Exact Exact	∞
		1	Exact Exact	∞
	3 + 4/18 + 49/63	1	Ехасі	∞

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$3 + \frac{10}{33} + \frac{19}{57}$	1	Exact	∞
1.1	$2 + \frac{32}{33} + \frac{42}{63}$	1	Exact	∞
11	$2 + \frac{14}{21} + \frac{32}{33}$	1	Exact	∞
	$2 + \frac{12}{18} + \frac{32}{33}$	1	Exact	∞
10	$2 + \frac{10}{15} + \frac{26}{39}$	1	Exact	∞
12	$2 + \frac{12}{18} + \frac{42}{63}$	1	Exact	∞
	$5 + \frac{10}{19} + \frac{32}{51}$	2	13.00017	290
13	$5 + \frac{20}{49} + \frac{44}{59}$	2	12.99983	288
	$5 + \frac{13}{21} + \frac{23}{43}$	2	12.99982	270
	$2 + \frac{11}{21} + \frac{11}{33}$	1	Exact	∞
	$2 + \frac{12}{21} + \frac{18}{63}$	1	Exact	∞
14	2 + 6/18 + 11/21	1	Exact	∞
	$1 + \frac{16}{18} + \frac{61}{63}$	1	Exact	∞
	2 + 1/15 + 12/20	1	Exact	∞
15	2 + 6/18 + 21/63	1	Exact	∞
16	$1 + \frac{13}{18} + \frac{49}{63}$	1	Exact	∞
- 10	$2 + \frac{13}{39} + \frac{1}{51}$	1	Exact	∞
17	$2 + \frac{9}{27} + \frac{1}{51}$	1	Exact	∞
1.	$2 + \frac{5}{15} + \frac{1}{51}$	1	Exact	∞
	$1 + \frac{14}{21} + \frac{35}{63}$	1	Exact	∞
18	$1 + \frac{11}{21} + \frac{35}{63}$ $1 + \frac{10}{18} + \frac{14}{21}$	1	Exact	∞
10	$1 + \frac{13}{18} + \frac{17}{21}$ $1 + \frac{14}{18} + \frac{28}{63}$	1	Exact	∞
19	$1 + \frac{17}{18} + \frac{25}{57}$	1	Exact	∞
19	$1 + \frac{12}{18} + \frac{20}{57}$ $1 + \frac{2}{21} + \frac{57}{63}$	1	Exact	
20	$1 + \frac{2}{21} + \frac{5}{63}$ $1 + \frac{2}{18} + \frac{56}{63}$	1	Exact Exact	∞
		1		∞
21	$1 + \frac{15}{21} + \frac{12}{63}$	1	Exact Exact	∞
	$\begin{array}{r} 1 + \frac{12}{18} + \frac{15}{63} \\ 1 + \frac{5}{33} + \frac{38}{57} \end{array}$	1		∞
99			Exact	∞
22	$1 + \frac{16}{33} + \frac{21}{63}$	$egin{array}{c} 1 \\ 1 \end{array}$	Exact	∞
	1 + 6/18 + 16/33		Exact	∞
99	$1 + \frac{3}{53} + \frac{43}{63}$	1	22.99983	500
23	3 + 7/16 + 2/49	2	22.99963	234
	$2 + \frac{39}{44} + \frac{29}{49}$	2	23.0004	215
24	$1 + \frac{1}{15} + \frac{12}{20}$	1	Exact	∞
25	$1 + \frac{5}{15} + \frac{13}{39}$	1	Exact	∞
25	$\frac{14}{15} + \frac{18}{27}$	1	Exact	∞
26	$3 + \frac{18}{27} + \frac{37}{39}$	3	Exact	∞
	$3 + \frac{10}{15} + \frac{37}{39}$	3	Exact	∞
	$1 + \frac{4}{27} + \frac{13}{39}$	1	Exact	∞
27	$\frac{22}{27} + \frac{34}{51}$	1	Exact	∞
	10/15 + 22/27	1	Exact	∞
	$1 + \frac{6}{21} + \frac{9}{63}$	1	Exact	∞
28	$\frac{12}{18} + \frac{16}{21}$	1	Exact	∞
	8/18 + 62/63	1	Exact	∞
	$4 + \frac{20}{37} + \frac{42}{43}$	4	28.99977	476
29	5 + 1/39 + 29/59	4	29.00039	275
	$2 + \frac{13}{21} + \frac{6}{43}$	2	29.0004	270
30	11/15 + 12/20	1	Exact	∞
50	12/18 + 42/63	1	Exact	∞

Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	Ø
	$1 + \frac{34}{57} + \frac{62}{63}$	2	31.00032	358
31	$2 + \frac{1}{20} + \frac{26}{49}$	2	31.0004	293
	1 + 41/53 + 46/57	2	31.00051	226
22	15/20 + 22/44	1	Exact	∞
32	$1 + \frac{3}{15} + \frac{1}{20}$	1	Exact	∞
	$5 + \frac{15}{19} + \frac{16}{59}$	5	32.99971	419
33	$2 + \frac{15}{37} + \frac{1}{53}$	$\overset{\circ}{2}$	32.99958	293
00	4 + 1/19 + 39/49	$\frac{1}{4}$	32.99956	279
34	$2 + \frac{18}{27} + \frac{44}{51}$	3	Exact	∞
	$\frac{2}{17/21} + \frac{7}{11/33}$	1	Exact	∞
	9/21 + 45/63	1	Exact	∞
35	6/18 + 17/21	1	Exact	∞
	$1 + \frac{2}{18} + \frac{2}{63}$	1	Exact	∞
	$\frac{1+2/18+2/63}{7/21+49/63}$	1	Exact	
36	, , ,	1	Exact	∞
	16/18 + 14/63			∞ 450
97	$\frac{5}{51} + \frac{58}{59}$	1	36.99969	450
37	$2 + \frac{3}{23} + \frac{2}{63}$	2	36.99968	434
	$1 + \frac{4}{17} + \frac{38}{41}$	2	37.00066	208
38	6/18 + 41/57	1	Exact	∞
39	14/39 + 34/51	1	Exact	∞
	10/15 + 14/39	1	Exact	∞
40	1/21 + 60/63	1	Exact	∞
	$4 + \frac{22}{57} + \frac{31}{63}$	5	41.00017	896
41	$4 + \frac{37}{43} + \frac{1}{57}$	5	41.00033	459
	$4 + \frac{1}{37} + \frac{40}{47}$	5	40.99965	434
	13/21 + 19/57	1	Exact	∞
42	18/21 + 6/63	1	Exact	∞
	6/18 + 39/63	1	Exact	∞
	17/33 + 22/53	1	42.99939	262
43	1/31 + 44/49	1	43.00071	227
	$1 + \frac{1}{18} + \frac{33}{41}$	2	43.00073	221
	8/16 + 18/44	1	Exact	∞
44	19/33 + 19/57	1	Exact	∞
	12/18 + 8/33	1	Exact	∞
4.5	14/21 + 14/63	1	Exact	∞
45	2/18 + 49/63	1	Exact	∞
	$3 + \frac{7}{16} + \frac{2}{49}$	4	45.99927	234
46	$2 + \frac{39}{44} + \frac{29}{49}$	4	46.0008	215
	$3 + \frac{17}{37} + \frac{1}{53}$	4	45.99912	195
	$2 + \frac{1}{27} + \frac{16}{31}$	3	47.00047	376
47	$1 + \frac{6}{17} + \frac{22}{63}$	$\stackrel{\circ}{2}$	46.99945	321
	$1 + \frac{22}{43} + \frac{12}{63}$	2	47.00065	270
	9/27 + 22/44	1	Exact	∞
	$\frac{3}{27} + \frac{3}{44}$ $\frac{2}{15} + \frac{14}{20}$	1	Exact	∞
48	9/18 + 11/33	1	Exact	∞
	$\frac{1}{18} + \frac{11}{33}$	1	Exact	∞
	$2 + \frac{19}{29} + \frac{36}{59}$	4	48.99946	341
49	$3 + \frac{1}{29} + \frac{30}{59}$	4	49.00081	$\frac{341}{225}$
49		3		223
	$1 + \frac{13}{23} + \frac{38}{43}$	<u> </u>	49.00083	222

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	1/20 + 33/44	1	Exact	∞
	12/16 + 1/20	1	Exact	∞
50	7/15 + 9/27	1	Exact	∞
	2/15 + 26/39	1	Exact	∞
51	10/15 + 6/51	1	Exact	∞
	$1 + \frac{9}{27} + \frac{38}{39}$	3	Exact	∞
52	$1 + \frac{5}{15} + \frac{38}{39}$	3	Exact	∞
	$2 + \frac{45}{57} + \frac{62}{63}$	5	52.99978	896
53	1 + 17/29 + 40/59	3	52.99948	384
	3 + 1/23 + 46/63	5	52.99927	271
	2/27 + 26/39	1	Exact	∞
54	11/27 + 17/51	1	Exact	∞
	5/15 + 11/27	1	Exact	∞
	13/33 + 21/63	1	Exact	∞
55	6/18 + 13/33	1	Exact	∞
	$\frac{1}{21} + \frac{22}{33}$	1	Exact	∞
	1/21 + 38/57	1	Exact	∞
56	3/21 + 36/63	1	Exact	∞
	12/18 + 1/21	1	Exact	∞
	12/18 + 3/63	1	Exact	∞
	14/21 + 2/57	1	Exact	∞
57	12/18 + 2/57	1	Exact	∞
	$2 + \frac{33}{43} + \frac{32}{47}$	5	57.99971	757
58	$3 + \frac{16}{37} + \frac{1}{63}$	5	57.9995	436
	$3 + \frac{22}{51} + \frac{1}{59}$	5	57.99923	281
	$1 + \frac{27}{31} + \frac{37}{44}$	4	58.99973	817
59	13/23 + 34/43	2	59.00075	296
	2 + 1/15 + 20/31	4	59.00079	278
	1/15 + 12/20	1	Exact	∞
60	6/18 + 21/63	1	Exact	∞
	1 + 35/37 + 1/47	3	60.99971	781
61	$1 + \frac{14}{15} + \frac{2}{59}$	3	60.99943	397
	1 + 8/37 + 6/63	2	61.00098	232
	$1 + \frac{34}{57} + \frac{62}{63}$	4	62.00065	358
62	$2 + \frac{1}{20} + \frac{26}{49}$	4	62.00079	293
	1 + 41/53 + 46/57	4	62.00103	226
CO	13/21 + 1/63	1	Exact	∞
63	4/18 + 26/63	1	Exact	∞
C 4	$1 + \frac{6}{16} + \frac{10}{20}$	3	Exact	∞
64	$1 + \frac{2}{16} + \frac{33}{44}$	3	Exact	∞
65	$1 + \frac{18}{27} + \frac{7}{39}$	3	Exact	∞
	3 + 40/44 + 17/51	7	Exact	∞
66	$3 + \frac{14}{21} + \frac{19}{33}$	7	Exact	∞
	$2 + \frac{1}{21} + \frac{16}{47}$	4	67.00042	591
67	13/29 + 44/59	2	66.99951	512
	1 + 3/17 + 1/57	2	67.00086	290
68	1 + 9/27 + 22/51	3	Exact	∞
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Division	Manivelle Tours	Tours do	Divisions	I
Division		Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	22.4
0.0	$3 + \frac{7}{16} + \frac{2}{49}$	6	68.9989	234
69	$2 + \frac{39}{44} + \frac{29}{49}$	6	69.0012	215
	$3 + \frac{17}{37} + \frac{1}{53}$	6	68.99868	195
70	10/18 + 1/63	1	Exact	∞
	$2 + \frac{1}{43} + \frac{50}{63}$	5	70.99987	2029
71	35/37 + 32/43	3	71.00037	715
	$2 + \frac{14}{51} + \frac{32}{59}$	5	71.00047	563
72	11/21 + 2/63	1	Exact	∞
	2 + 3/19 + 2/59	4	72.99959	671
73	1 + 9/43 + 56/57	4	73.00074	367
	1 + 4/17 + 22/23	4	72.99883	234
	$2 + \frac{3}{23} + \frac{2}{63}$	4	73.99936	434
74	1 + 1/18 + 30/53	3	74.00129	214
	1 + 4/17 + 38/41	4	74.00133	208
	8/20 + 18/27	2	Exact	∞
75	7/15 + 12/20	$\overline{2}$	Exact	∞
	11/15 + 13/39	2	Exact	∞
	$1 + \frac{14}{21} + \frac{55}{57}$	5	Exact	∞
76	2 + 6/18 + 17/57	5	Exact	∞
	$2 + \frac{3}{18} + \frac{3}{18}$ $2 + \frac{1}{33} + \frac{3}{63}$	4	Exact	∞
77	$2 + \frac{1}{33} + \frac{3}{63}$ $2 + \frac{1}{21} + \frac{1}{33}$	4	Exact	∞
78	$\frac{2+7/21+7/33}{5/15+7/39}$	1	Exact	
10				∞
70	$\frac{1}{31} + \frac{50}{51}$	2	79.00062	473
79	$1 + \frac{1}{18} + \frac{19}{41}$	3	79.00089	331
20	$\frac{23}{43} + \frac{62}{63}$	3	78.99878	243
80	1/18 + 28/63	1	Exact	∞
	$1 + \frac{14}{23} + \frac{37}{43}$	5	80.99918	370
81	$1 + \frac{27}{43} + \frac{53}{63}$	5	80.99865	225
	$1 + \frac{28}{44} + \frac{20}{59}$	4	80.99844	194
	$2 + \frac{2}{39} + \frac{19}{49}$	5	81.99957	715
82	$2 + \frac{1}{31} + \frac{24}{59}$	5	81.99955	685
	$1 + \frac{1}{44} + \frac{26}{59}$	3	82.00053	583
	1 + 4/21 + 12/47	3	82.9993	443
83	27/41 + 37/47	3	83.00072	433
	$1 + \frac{1}{18} + \frac{16}{41}$	3	82.99906	331
0.4	9/21 + 3/63	1	Exact	∞
84	8/18 + 2/63	1	Exact	∞
85	18/27 + 38/51	3	Exact	∞
	$1 + \frac{14}{41} + \frac{62}{63}$	5	85.99967	967
86	1 + 26/44 + 36/49	5	85.9992	403
	$2 + \frac{3}{23} + \frac{8}{41}$	5	86.00091	353
87	$\frac{2+\frac{7}{2}}{17/29+\frac{17}{51}}$	2	Exact	∞
88	$\frac{4/16 + 9/44}{4}$	1	Exact	∞
00	$\frac{15/16 + 5/44}{15/41 + 56/57}$	3	89.00032	1050
89		3 2	88.9987	256
09	$\frac{1}{29} + \frac{51}{59}$	$\frac{2}{3}$		
00	$\frac{29}{51} + \frac{46}{59}$		89.00173	193
90	$\frac{7}{21} + \frac{7}{63}$	1	Exact	∞
91	$1 + \frac{30}{39} + \frac{21}{49}$	5	Exact	∞

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Division	Manivelle Tours	Tours de	Divisions	Ø
Voulu	et Divisions	la Piece	Reels	
	$1 + \frac{6}{31} + \frac{50}{51}$	5	91.99884	296
92	$1 + \frac{9}{47} + \frac{56}{57}$	5	91.99863	250
	$2 + \frac{1}{18} + \frac{26}{47}$	6	91.99819	190
	$1 + \frac{5}{47} + \frac{35}{57}$	4	93.00065	535
93	$1 + \frac{34}{57} + \frac{62}{63}$	6	93.00097	358
	$1 + \frac{14}{20} + \frac{1}{49}$	4	93.00119	293
	1 + 6/17 + 22/63	4	93.9989	321
94	$1 + \frac{22}{43} + \frac{12}{63}$	4	94.0013	270
	6/19 + 49/51	3	94.00162	217
95	6/18 + 5/57	1	Exact	∞
96	1/15 + 7/20	1	Exact	∞
	$2 + \frac{13}{16} + \frac{2}{27}$	7	97.0008	453
97	1 + 37/41 + 62/63	7	97.00107	338
	1 + 29/49 + 45/51	6	97.00146	249
	$1 + \frac{13}{27} + \frac{33}{59}$	5	98.00062	596
98	$2 + \frac{1}{43} + \frac{1}{57}$	5	98.0008	459
	$1 + \frac{13}{23} + \frac{38}{43}$	6	98.00165	222
	1/33 + 49/63	2	Exact	∞
99	8/18 + 12/33	2	Exact	∞
	$\frac{1}{15} + \frac{9}{27}$	1	Exact	∞
100	$\frac{1}{15} + \frac{13}{39}$	1	Exact	∞
100	$\frac{1}{15} + \frac{17}{51}$	1	Exact	∞
	$1 + \frac{1}{39} + \frac{42}{44}$	5	101.0006	642
101	1 + 8/15 + 3/59	4	100.9986	265
101	10/16 + 47/49	4	100.9984	234
	$\frac{5}{15} + \frac{3}{51}$	1	Exact	∞
	1/17 + 6/18	1	Exact	∞
	1/17 + 7/21	1	Exact	∞
102	1/17 + 11/33	1	Exact	∞
	1/17 + 19/57	1	Exact	∞
	1/17 + 21/63	1	Exact	∞
	$\frac{24}{37} + \frac{57}{63}$	4	102.9992	465
103	$1 + \frac{1}{16} + \frac{4}{39}$	3	102.9986	280
100	25/27 + 32/51	4	103.0014	275
104	$\frac{5}{15} + \frac{2}{39}$	1	Exact	∞
101	$\frac{1}{21} + \frac{11}{33}$	1	Exact	∞
	$\frac{1}{21} + \frac{19}{57}$	1	Exact Exact	∞
105	3/21 + 15/63	1	Exact Exact	∞
100	$\frac{6}{18} + \frac{1}{21}$	1	Exact Exact	∞
	$\frac{6}{18} + \frac{3}{63}$	1	Exact Exact	∞
<u> </u>	$1 + \frac{17}{29} + \frac{40}{59}$	6	105.999	384
106	$1 + \frac{9}{33} + \frac{35}{57}$	5	106.0017	234
100	$1 + \frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{3}{4}$	5	105.998	201
	$1 + \frac{1}{4} + \frac{3}{49} + \frac{25}{49}$	5	106.9989	357
107	$1 + \frac{14}{39} + \frac{20}{49}$ $1 + \frac{1}{37} + \frac{48}{57}$	5	100.9909	263
101	20/29 + 19/44	3	107.0013	191
	$\frac{25/29 + 15/44}{1/27 + 13/39}$	1	Exact	∞
108	$\frac{1/27 + 13/39}{1/27 + 17/51}$	1	Exact Exact	
100	$\frac{1/27 + 17/51}{5/15 + 1/27}$	1	Exact Exact	∞
	1 9/10 + 1/27	1	Exact	00

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$1 + \frac{13}{29} + \frac{1}{51}$	4	109.0005	886
109	$1 + \frac{1}{21} + \frac{37}{47}$	5	109.0006	739
	16/18 + 35/37	5	109.0016	249
	$\frac{1}{33} + \frac{19}{57}$	1	Exact	∞
440	1/33 + 21/63	1	Exact	∞
110	$\frac{7}{21} + \frac{1}{33}$	1	Exact	∞
	6/18 + 1/33	1	Exact	∞
	$\frac{1}{37} + \frac{19}{57}$	1	Exact	∞
	1/37 + 21/63	1	Exact	∞
111	11/33 + 1/37	1	Exact	∞
	7/21 + 1/37	1	Exact	∞
	6/18 + 1/37	1	Exact	∞
112	$\frac{1}{18} + \frac{19}{63}$	1	Exact	∞
112	$1 + \frac{1}{44} + \frac{2}{51}$	3	113.0004	1008
113	$1 + \frac{7}{44} + \frac{2}{31}$ $1 + \frac{7}{18} + \frac{1}{37}$	4	113.0004	399
110	10/23 + 52/53	4	113.0011	365
		1		
	$\frac{1}{57} + \frac{21}{63}$		Exact	∞
114	$\frac{11}{33} + \frac{1}{57}$	1	Exact	∞
	$\frac{7}{21} + \frac{1}{57}$	1	Exact	∞
	6/18 + 1/57	1	Exact	∞
	$2 + \frac{19}{53} + \frac{44}{57}$	9	115.0005	814
115	2 + 6/41 + 62/63	9	114.9988	348
	$2 + \frac{3}{20} + \frac{50}{51}$	9	115.0016	275
	$1 + \frac{31}{44} + \frac{1}{51}$	5	115.999	420
116	$1 + \frac{19}{27} + \frac{1}{49}$	5	116.0018	247
	16/21 + 51/53	5	115.9979	208
117	$1 + \frac{12}{27} + \frac{37}{39}$	7	Exact	∞
	13/23 + 34/43	4	118.0015	296
118	$2 + \frac{1}{16} + \frac{9}{29}$	7	118.0018	243
	$1 + \frac{11}{27} + \frac{28}{29}$	7	117.9978	205
119	9/17 + 9/63	2	Exact	∞
120	$2 + \frac{2}{15} + \frac{4}{20}$	7	Exact	∞
120	$1 + \frac{14}{21} + \frac{22}{33}$	7	Exact	∞
	1/39 + 57/59	3	120.9991	517
121	1/18 + 44/47	3	121.0012	380
	$1 + \frac{1}{15} + \frac{17}{29}$	5	121.0014	325
	$1 + \frac{35}{37} + \frac{1}{47}$	6	121.9994	781
122	$1 + \frac{14}{15} + \frac{2}{59}$	6	121.9989	397
	$1 + \frac{8}{37} + \frac{6}{63}$	4	122.002	232
	$1 + \frac{1}{15} + \frac{33}{59}$	5	123.0021	221
123	23/27 + 24/31	5	122.9978	209
120	$1 + \frac{1}{33} + \frac{28}{47}$	5	122.9976	193
	$1 + \frac{34}{57} + \frac{62}{63}$	8	124.0013	358
124	2 + 1/20 + 26/49	8	124.0016	293
124	1 + 41/53 + 46/57	8	124.0010	226
	$1 + \frac{37}{41} + \frac{15}{57}$	6	125.0011	420
125	1 + 37/41 + 1/57 1 + 28/29 + 14/51	7	124.9985	310
120	$1 + \frac{25}{29} + \frac{14}{51}$ $1 + \frac{14}{53} + \frac{1}{63}$	4	124.9965	200
	6/21 + 2/63	1	Exact	
126		1	Exact Exact	∞
	2/18 + 13/63	1	Exact	∞

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
Vouru	$1 + \frac{5}{17} + \frac{16}{57}$	5	126.9987	363
127	48/53 + 62/63	6	126.9984	300
121	$\frac{21}{23} + \frac{42}{43}$	6	126.9984	296
	$\frac{21/23 + 42/43}{1/16 + 5/20}$	1	Exact	∞
128	$\frac{1}{16} + \frac{3}{20}$ $\frac{1}{16} + \frac{11}{44}$	1	Exact	∞
129	$\frac{1/16 + 11/44}{12/18 + 38/43}$	5	Exact	∞
130	9/27 + 23/39	3	Exact	
150	$\frac{3/27 + 23/39}{1/18 + 37/43}$	3	131.0014	247
191	$\frac{1/18 + 37/43}{20/37 + 32/47}$	3 4	131.0014	347
131	20/37 + 32/47 23/41 + 35/53	4	130.9981	260 217
		7	Exact	
132	$1 + \frac{20}{44} + \frac{34}{51}$			∞
100	$1 + \frac{7}{21} + \frac{26}{33}$	7	Exact	∞
133	9/21 + 27/57	3	Exact	∞
104	13/29 + 44/59	4	133.999	512
134	$1 + \frac{1}{53} + \frac{27}{57}$	5	133.9987	377
	1 + 3/17 + 1/57	4	134.0017	290
	2 + 1/27 + 13/39	8	Exact	∞
135	$2 + \frac{1}{27} + \frac{17}{51}$	8	Exact	∞
	$2 + \frac{5}{15} + \frac{1}{27}$	8	Exact	∞
136	18/27 + 11/51	3	Exact	∞
	20/31 + 23/44	4	136.9994	817
137	3/16 + 50/51	4	136.999	489
	10/33 + 32/37	4	136.9986	365
	$1 + \frac{2}{43} + \frac{56}{57}$	7	138.0012	428
138	$2 + \frac{23}{53} + \frac{43}{57}$	11	138.0025	207
	$2 + \frac{1}{18} + \frac{26}{47}$	9	137.9973	190
	$1 + \frac{22}{31} + \frac{1}{59}$	6	138.9994	822
139	8/17 + 61/63	5	139.0006	802
	29/39 + 58/59	6	138.9982	295
140	12/21 + 18/63	3	Exact	∞
	$1 + \frac{1}{20} + \frac{5}{59}$	4	141.0007	707
141	1 + 1/16 + 21/59	5	141.0007	707
	1 + 7/19 + 1/20	5	141.0019	284
	35/37 + 32/43	6	142.0007	715
142	14/53 + 1/57	1	141.9976	226
	$1 + \frac{1}{17} + \frac{21}{23}$	7	141.9974	205
143	$1 + \frac{9}{39} + \frac{32}{44}$	7	Exact	∞
144	$\frac{1}{18} + \frac{14}{63}$	1	Exact	∞
	$1 + \frac{10}{44} + \frac{48}{49}$	8	145.0021	258
145	$2 + \frac{1}{20} + \frac{8}{51}$	8	145.0022	244
	$2 + \frac{17}{37} + \frac{1}{43}$	9	145.0025	214
	$1 + \frac{35}{39} + \frac{1}{49}$	7	145.9973	200
146	$\frac{21}{37} + \frac{28}{53}$	4	146.0028	195
1.10	$1 + \frac{18}{51} + \frac{1}{59}$	5	145.9971	187
	$1 + \frac{1}{123} + \frac{13}{41}$	5	146.9992	706
147	36/44 + 32/59	5	146.9989	486
1-11	$1 + \frac{13}{23} + \frac{38}{43}$	9	147.0025	222
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Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	
4.40	$1 + \frac{1}{53} + \frac{55}{63}$	7	148.0006	875
148	$1 + \frac{21}{43} + \frac{23}{57}$	7	148.0009	642
	$1 + \frac{1}{18} + \frac{30}{53}$	6	148.0026	214
	$\frac{1}{23} + \frac{48}{63}$	3	148.9974	217
149	16/21 + 1/23	3	148.9974	217
	13/20 + 27/39	5	148.9971	194
150	1/15 + 4/20	1	Exact	∞
	4/53 + 62/63	4	151.0006	1000
151	$1 + \frac{1}{20} + \frac{14}{51}$	5	150.9993	764
	$1 + \frac{1}{15} + \frac{23}{44}$	6	151.001	593
	11/33 + 56/57	5	Exact	∞
152	7/21 + 56/57	5	Exact	∞
	6/18 + 56/57	5	Exact	∞
153	14/17 + 14/63	4	Exact	∞
154	1/21 + 7/33	1	Exact	∞
	$1 + \frac{1}{39} + \frac{23}{44}$	6	155.0019	308
155	$1 + \frac{15}{19} + \frac{1}{59}$	7	155.0025	235
	$1 + \frac{20}{47} + \frac{24}{63}$	7	154.9972	207
156	5/15 + 37/39	5	Exact	∞
	$1 + \frac{1}{21} + \frac{39}{53}$	7	156.9975	233
157	$1 + \frac{2}{37} + \frac{62}{63}$	8	157.0027	214
	1/23 + 40/41	4	157.0031	188
	1/31 + 50/51	4	158.0012	473
158	$1 + \frac{1}{18} + \frac{19}{41}$	6	158.0018	331
	23/43 + 62/63	6	157.9976	243
159	$1 + \frac{5}{53} + \frac{42}{63}$	7	Exact	∞
160	3/15 + 1/20	1	Exact	∞
161	6/21 + 22/23	5	Exact	∞
_	$1 + \frac{1}{37} + \frac{11}{53}$	5	161.9992	734
162	7/23 + 40/43	5	161.9984	370
	$1 + \frac{1}{33} + \frac{37}{53}$	7	161.998	305
	$\frac{7}{27} + \frac{30}{31}$	5	162.999	627
163	12/17 + 1/33	3	163.0024	252
100	7/16 + 15/19	5	163.0027	227
	$1 + \frac{1}{44} + \frac{26}{59}$	6	164.0011	583
164	$1 + \frac{1}{33} + \frac{7}{37}$	5	164.0027	228
101	$1 + \frac{1}{20} + \frac{10}{59}$	5	164.0028	221
	$1 + \frac{1}{33} + \frac{38}{57}$	7	Exact	∞
	$1 + \frac{1}{33} + \frac{42}{63}$	7	Exact	∞
165	$1 + \frac{14}{21} + \frac{1}{33}$	7	Exact	∞
	$1 + \frac{12}{18} + \frac{1}{33}$	7	Exact	∞
	$1 + \frac{4}{21} + \frac{12}{47}$	6	165.9986	443
166	$\frac{1+7/21+37/47}{27/41+37/47}$	6	166.0014	433
100	$1 + \frac{1}{18} + \frac{16}{41}$	6	165.9981	331
	$\frac{1+7/18+7/41}{37/49+47/51}$	7	166.9976	262
167	23/39 + 31/51	5	167.0025	248
101	26/39 + 31/31 26/37 + 1/63	3	166.997	209
168	4/18 + 1/63	1	Exact	∞
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Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	30/31 + 11/51	5	169.0005	1184
169	$1 + \frac{6}{37} + \frac{1}{47}$	5	168.999	651
	20/29 + 1/49	3	168.999	638
170	9/27 + 19/51	3	Exact	∞
170	10/15 + 2/51	3	Exact	∞
171	16/57 + 56/63	5	Exact	∞
171	4/18 + 54/57	5	Exact	∞
	$2 + \frac{4}{53} + \frac{1}{57}$	9	172.0006	1018
172	$1 + \frac{1}{33} + \frac{44}{53}$	8	171.9975	262
	$1 + \frac{1}{18} + \frac{33}{41}$	8	172.0029	221
	$1 + \frac{1}{53} + \frac{21}{57}$	6	172.9993	905
173	$1 + \frac{2}{15} + \frac{1}{44}$	5	173.0013	494
	$1 + \frac{1}{19} + \frac{3}{29}$	5	172.9984	412
	11/43 + 42/47	5	173.9991	757
174	1 + 4/31 + 1/49	5	173.9977	284
	3/17 + 36/37	5	173.9972	235
175	4/20 + 35/49	4	Exact	∞
176	10/20 + 8/44	3	Exact	∞
	9/31 + 27/44	4	176.9992	817
177	1/23 + 37/43	4	177.0022	296
	3/17 + 41/43	5	176.9976	273
	15/41 + 56/57	6	178.0006	1050
178	1/29 + 51/59	4	177.9974	256
	29/51 + 46/59	6	178.0035	193
	$1 + \frac{1}{23} + \frac{11}{37}$	6	179.0009	765
179	$1 + \frac{1}{19} + \frac{17}{59}$	6	179.002	335
	4/21 + 38/41	5	179.0021	322
180	4/21 + 2/63	1	Exact	∞
	17/33 + 30/37	6	181.0006	1097
181	$1 + \frac{1}{41} + \frac{19}{63}$	6	180.9985	464
	1/33 + 35/41	4	181.0033	202
182	15/39 + 35/49	5	Exact	∞
	1/43 + 40/47	4	182.9994	1211
183	24/29 + 13/49	5	183.0006	1064
	1 + 8/37 + 6/63	6	183.0029	232
	$1 + \frac{30}{41} + \frac{31}{47}$	11	184.0017	397
184	1 + 6/31 + 50/51	10	183.9977	296
	1 + 9/47 + 56/57	10	183.9973	250
	$1 + \frac{1}{23} + \frac{37}{41}$	9	185.0027	254
185	9/17 + 62/63	7	184.9969	224
	28/29 + 50/51	9	185.0035	199
186	$\frac{23}{31} + \frac{17}{51}$	5	Exact	∞
	$\frac{1}{16} + \frac{23}{29}$	4	187.0025	278
187	$1 + \frac{1}{19} + \frac{9}{39}$	6	187.0032	222
	11/27 + 1/49	$\overset{\circ}{2}$	186.9965	198
	$1 + \frac{6}{17} + \frac{22}{63}$	8	187.9978	321
188	$1 + \frac{22}{43} + \frac{12}{63}$	8	188.0026	270
	6/19 + 49/51	6	188.0032	217
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Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
Vouru	$1 + \frac{15}{17} + \frac{11}{47}$	10	189.0006	1197
189	$1 + \frac{13}{17} + \frac{11}{47}$ $1 + \frac{4}{31} + \frac{22}{39}$	8	188.9985	483
109	$1 + \frac{4}{31} + \frac{22}{39}$ $1 + \frac{15}{44} + \frac{38}{49}$	10	188.9985	461
190	$\frac{1+15/44+55/49}{12/18+46/57}$	7	Exact	
190				∞
101	$1 + \frac{1}{16} + \frac{19}{31}$	8	190.9988	594
191	$1 + \frac{5}{27} + \frac{25}{51}$	8	191.0013	550
100	$\frac{16}{33} + \frac{52}{53}$	7	190.9984	458
192	6/16 + 34/51	5	Exact	∞
100	$\frac{5}{16} + \frac{27}{29}$	6	192.9983	417
193	17/44 + 42/49	6	193.0026	276
	$1 + \frac{1}{47} + \frac{14}{63}$	6	193.0038	190
	$1 + \frac{26}{31} + \frac{1}{59}$	9	194.0012	616
194	11/16 + 7/51	4	193.997	244
	$1 + \frac{1}{33} + \frac{52}{63}$	9	193.9969	233
195	18/27 + 38/39	8	Exact	∞
100	10/15 + 38/39	8	Exact	∞
	$1 + \frac{13}{27} + \frac{33}{59}$	10	196.0012	596
196	$2 + \frac{1}{43} + \frac{1}{57}$	10	196.0016	459
	$1 + \frac{13}{19} + \frac{9}{59}$	9	195.9981	377
	13/20 + 38/39	8	197.0008	935
197	1 + 8/31 + 8/49	7	196.9986	531
	$1 + \frac{20}{44} + \frac{22}{59}$	9	196.9983	437
198	16/18 + 4/33	5	Exact	∞
	$1 + \frac{1}{29} + \frac{19}{51}$	7	199.0005	1551
199	10/16 + 58/59	8	198.9987	565
	20/29 + 45/49	8	199.0022	340
200	7/20 + 11/44	3	Exact	∞
	13/29 + 44/59	6	200.9985	512
201	7/31 + 30/39	5	200.9975	301
	1 + 3/17 + 1/57	6	201.0026	290
	1 + 8/15 + 3/59	8	201.9971	265
202	10/16 + 47/49	8	201.9968	234
	20/21 + 2/53	5	201.9964	208
	$1 + \frac{1}{18} + \frac{43}{47}$	10	202.9994	1267
203	$1 + \frac{3}{20} + \frac{1}{31}$	6	203.0014	557
	$1 + \frac{1}{37} + \frac{50}{53}$	10	203.0021	367
004	5/15 + 33/51	5	Exact	∞
204	11/17 + 21/63	5	Exact	∞
	37/39 + 30/49	8	205.0017	458
205	30/31 + 35/59	8	205.0018	438
	$1 + \frac{1}{47} + \frac{34}{63}$	8	205.0022	354
	$\frac{1}{41} + \frac{24}{43}$	3	205.9981	396
206	$1 + \frac{1}{16} + \frac{4}{39}$	6	205.9972	280
	4/19 + 42/44	6	205.9959	187
	$1 + \frac{1}{29} + \frac{14}{44}$	7	206.9988	669
207	4/39 + 38/44	5	206.9964	214
	$1 + \frac{1}{19} + \frac{6}{20}$	7	207.0039	199
	$1 + \frac{16}{49} + \frac{1}{51}$	7	208.0024	327
208	1 + 8/33 + 21/43	9	207.9967	239
	$1 + \frac{1}{37} + \frac{15}{47}$	7	207.9966	228
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District	Manivelle Tours	m 1-	D:-:-:	
Division		Tours de la Piece	Divisions	ø
Voulu	et Divisions		Reels	
209	$\frac{1}{33} + \frac{31}{57}$	3	Exact	∞
210	$1 + \frac{6}{21} + \frac{51}{63}$	11	Exact	∞
	$1 + \frac{6}{18} + \frac{48}{63}$	11	Exact	∞
011	$1 + \frac{1}{21} + \frac{27}{41}$	9	211.0007	1161
211	$\frac{11}{18} + \frac{30}{57}$	6	211.0026	307
	$1 + \frac{28}{41} + \frac{1}{43}$	9	210.9973	297
24.2	$1 + \frac{4}{43} + \frac{56}{57}$	11	211.9992	1010
212	$1 + \frac{7}{41} + \frac{57}{63}$	11	211.9978	354
	1 + 9/33 + 35/57	10	212.0034	234
010	$1 + \frac{18}{37} + \frac{1}{63}$	8	212.9983	465
213	1 + 8/17 + 2/63	8	213.0019	427
	1 + 1/18 + 21/47	8	212.9976	338
24.4	37/53 + 62/63	9	214.0004	2251
214	$1 + \frac{13}{20} + \frac{1}{31}$	9	213.9981	418
	7/39 + 37/49	5	213.9978	357
0.4 =	5/37 + 52/53	6	215.0023	352
215	$1 + \frac{1}{27} + \frac{13}{49}$	7	214.9971	277
	$1 + \frac{7}{16} + \frac{3}{59}$	8	215.0036	226
216	10/15 + 7/27	5	Exact	∞
	1 + 6/19 + 42/59	11	216.9996	1847
217	$1 + \frac{2}{43} + \frac{52}{53}$	11	217.0006	1252
	$1 + \frac{11}{41} + \frac{13}{63}$	8	217.0018	442
	15/17 + 2/57	5	217.9978	363
218	$^{11/41} + ^{37/57}$	5	218.0037	218
	$1 + \frac{7}{37} + \frac{6}{63}$	7	217.996	203
	1/19 + 40/59	4	218.9988	671
219	10/37 + 29/63	4	219.0018	465
	21/37 + 28/53	6	219.0042	195
220	10/20 + 2/44	3	Exact	∞
	8/16 + 2/44	3	Exact	∞
221	7/39 + 37/51	5	Exact	∞
	9/19 + 30/31	8	222.0024	353
222	1 + 8/19 + 1/49	8	221.997	279
	$1 + \frac{1}{18} + \frac{30}{53}$	9	222.0039	214
	$1 + \frac{1}{23} + \frac{7}{33}$	7	223.001	796
223	11/18 + 20/43	6	223.0012	695
	14/27 + 1/51	3	222.996	206
224	12/16 + 7/49	5	Exact	∞
225	1/15 + 3/27	1	Exact	∞
	$1 + \frac{1}{44} + \frac{2}{51}$	6	226.0008	1008
226	$1 + \frac{7}{18} + \frac{1}{37}$	8	226.0021	399
	10/23 + 52/53	8	226.0023	365
	$1 + \frac{1}{17} + \frac{20}{57}$	8	226.9985	580
227	9/21 + 52/53	8	226.9981	444
	11/16 + 6/31	5	227.0023	371
228	4/19 + 18/27	5	Exact	∞
	5/33 + 29/53	4	229.0016	524
229	$1 + \frac{4}{23} + \frac{2}{41}$	7	229.0026	329
İ	$1 + \frac{4}{20} + \frac{1}{44}$	7	228.9963	230
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Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	/ ×
	$1 + \frac{1}{41} + \frac{11}{57}$	7	230.0035	245
230	$1 + \frac{1}{33} + \frac{23}{43}$	9	230.0045	191
	$2 + \frac{1}{18} + \frac{26}{47}$	15	229.9955	190
231	1/33 + 9/63	1	Exact	∞
231	3/21 + 1/33	1	Exact	∞
	$1 + \frac{31}{44} + \frac{1}{51}$	10	231.9979	420
232	$1 + \frac{19}{27} + \frac{1}{49}$	10	232.0035	247
	16/21 + 51/53	10	231.9958	208
	$1 + \frac{1}{31} + \frac{20}{39}$	9	232.9979	407
233	14/29 + 1/31	3	233.0022	404
	11/19 + 57/59	9	233.0023	377
234	6/27 + 38/39	7	Exact	∞
	$1 + \frac{1}{44} + \frac{20}{59}$	8	234.9986	622
235	23/41 + 29/63	6	234.9962	232
	$1 + \frac{1}{16} + \frac{23}{49}$	9	235.0042	211
	13/23 + 34/43	8	236.003	296
236	$1 + \frac{4}{18} + \frac{52}{53}$	13	236.0038	232
	$2 + \frac{3}{19} + \frac{2}{44}$	13	236.0043	203
	$\frac{1}{31} + \frac{50}{51}$	6	237.0019	473
237	$1 + \frac{1}{18} + \frac{19}{41}$	9	237.0027	331
	23/43 + 62/63	9	236.9964	243
	$\frac{1}{23} + \frac{55}{57}$	6	238.003	294
238	13/27 + 1/44	3	237.9967	267
	15/19 + 3/59	5	238.0042	209
	37/57 + 54/63	9	239.0017	538
239	11/21 + 56/57	9	239.0017	538
	1/15 + 15/16	6	239.0041	215
2.40	1/15 + 2/20	1	Exact	∞
240	1/18 + 7/63	1	Exact	∞
	1/23 + 60/63	6	240.9979	434
241	20/21 + 1/23	6	240.9979	434
	4/43 + 42/57	5	241.0029	306
	$\frac{1}{39} + \frac{57}{59}$	6	241.9982	517
242	1/18 + 44/47	6	242.0024	380
	12/19 + 31/59	7	242.0046	195
	9/53 + 56/57	7	242.9991	1056
243	$1 + \frac{9}{19} + \frac{5}{29}$	10	242.9989	825
	$1 + \frac{1}{33} + \frac{5}{41}$	7	243.0019	473
	29/44 + 40/49	9	243.9987	726
244	$1 + \frac{13}{18} + \frac{3}{37}$	11	243.9967	274
	1 + 8/37 + 6/63	8	244.0039	232
	$\frac{42}{43} + \frac{56}{57}$	12	244.9979	440
245	30/33 + 47/53	11	245.0048	192
	$1 + \frac{1}{37} + \frac{12}{43}$	8	245.0048	190
246	$\frac{6}{41 + 38/57}$	5	Exact	∞
	$\frac{5/16 + 58/59}{5}$	8	246.9992	1131
247	$1 + \frac{1}{53} + \frac{25}{57}$	9	247.0043	214
	22/27 + 8/51	6	246.9955	206
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Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	ø
Vouru	$2 + \frac{1}{37} + \frac{3}{43}$	13	247.9976	387
248	$2 + \frac{1}{37} + \frac{9}{43}$ $2 + \frac{1}{47} + \frac{4}{53}$	13	248.0031	303
240	$2 + \frac{7}{47} + \frac{7}{33}$ $2 + \frac{2}{27} + \frac{1}{44}$	13	247.9968	289
	$\frac{2+3/27+3/44}{5/33+36/37}$	7	249.0022	426
249	17/20 + 14/51	7	248.9974	356
243	8/57 + 62/63	7	249.0045	209
	$\frac{37 + 32/63}{40/43 + 39/47}$	11	249.0043	333
250	29/41 + 26/63	7	249.9965	270
250	$1 + \frac{1}{29} + \frac{37}{51}$	11	250.0038	243
	$1 + \frac{1}{29} + \frac{31}{31}$ $1 + \frac{27}{37} + \frac{1}{43}$	11	251.0004	2622
251	$1 + \frac{30}{41} + \frac{1}{47}$	11	251.0004	1588
251	1 + 30/41 + 1/47 22/41 + 33/57	7	251.0000	817
	$\frac{3/21 + 35/37}{3/21 + 1/63}$	1	Exact	∞
252		1	Exact Exact	
232	2/18 + 1/21 2/18 + 3/63	1	Exact Exact	∞
050		2		∞
253	$\frac{1}{23} + \frac{9}{33}$		Exact	∞
954	$1 + \frac{3}{37} + \frac{1}{47}$	7	254.001	912
254	11/17 + 8/57	5	253.9974	363
955	4/33 + 52/53	7	254.0041	229
255	5/17 + 21/63	4	Exact	∞
250	$1 + \frac{1}{43} + \frac{18}{47}$	9	256.0028	340
256	$\frac{21}{31} + \frac{43}{59}$	9	256.0031	308
	$\frac{25}{43} + \frac{52}{53}$	10	255.9955	213
	$1 + \frac{20}{37} + \frac{1}{63}$	10	257.0011	873
257	6/23 + 17/47	4	256.9985	647
250	36/53 + 50/57	10	256.997	323
258	18/43 + 38/57	7	Exact	∞
250	1/47 + 34/57	4	258.997	321
259	1/53 + 28/63	3	259.0045	214
	8/18 + 1/53	3	259.0045	214
260	16/39 + 34/51	7	Exact	∞
	11/31 + 28/39	7	261.0023	422
261	$1 + \frac{1}{44} + \frac{40}{49}$	12	261.0038	258
	15/21 + 19/53	7	261.005	194
	1/18 + 37/43	6	262.0028	347
262	20/37 + 32/47	8	261.9962	260
	23/41 + 35/53	8	262.0045	217
	1/23 + 38/53	5	262.9989	913
263	1/33 + 46/63	5	262.9981	519
	4/18 + 11/47	3	263.0052	190
264	14/33 + 21/63	5	Exact	∞
	11/49 + 58/59	8	265.0014	693
265	$1 + \frac{16}{27} + \frac{4}{59}$	11	264.9981	525
	$1 + \frac{2}{15} + \frac{40}{59}$	12	265.0031	318
266	1/21 + 23/57	3	Exact	∞
	1/29 + 51/59	6	266.9961	256
267	5/23 + 52/53	8	266.9952	208
	11/41 + 40/43	8	266.9948	192

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Division	Manivelle Tours	Tours de	Divisions	Ø
Voulu	et Divisions	la Piece	Reels	
	13/29 + 44/59	8	267.998	512
268	21/31 + 18/49	7	268.0025	398
	$1 + \frac{3}{17} + \frac{1}{57}$	8	268.0035	290
	13/18 + 1/47	5	268.9984	633
269	34/39 + 1/49	6	268.9971	343
	1/21 + 29/53	4	269.003	333
270	10/15 + 26/27	11	Exact	∞
	7/27 + 47/51	8	270.9963	275
271	1 + 4/16 + 4/51	9	270.9963	275
	22/37 + 25/57	7	271.005	201
	11/43 + 41/53	7	272.0034	298
272	9/37 + 31/63	5	271.9953	218
	1 + 18/43 + 37/47	15	272.0054	189
	$1 + \frac{7}{19} + \frac{3}{31}$	10	273.0012	882
273	18/37 + 46/47	10	272.9984	651
	$1 + \frac{1}{51} + \frac{9}{59}$	8	273.0026	400
	$\frac{20}{31} + \frac{23}{44}$	8	273.9987	817
274	3/16 + 50/51	8	273.9979	489
214	10/33 + 32/37	8	273.9972	365
275	$\frac{2}{20} + \frac{2}{44}$	1	Exact	∞
276	$1 + \frac{6}{23} + \frac{11}{33}$	11	Exact	∞
210				733
077	$\frac{1}{16} + \frac{41}{51}$	6	277.0014	
277	$\frac{3}{16} + \frac{30}{31}$	8	276.9983	594
	$\frac{11}{19} + \frac{34}{59}$	8	277.0039	268
0=0	$\frac{14}{41} + \frac{41}{43}$	9	278.0026	396
278	9/37 + 30/63	5	277.9964	291
2=0	$1 + \frac{12}{43} + \frac{1}{63}$	9	278.0046	228
279	3/27 + 1/31	1	Exact	∞
280	2/18 + 2/63	1	Exact	∞
	1 + 8/21 + 2/47	10	280.9964	295
281	3/15 + 46/49	8	281.0036	293
	17/29 + 41/59	9	281.0036	288
282	14/21 + 2/47	5	Exact	∞
202	12/18 + 2/47	5	Exact	∞
	1/18 + 28/43	5	282.9982	579
283	$1 + \frac{6}{53} + \frac{1}{57}$	8	282.9977	452
	1/29 + 48/59	6	283.0048	219
	9/31 + 43/44	9	284.0023	459
284	17/19 + 22/59	9	283.9972	377
	28/29 + 1/49	7	283.9971	372
285	14/21 + 18/57	7	Exact	∞
	$\frac{26}{37} + \frac{40}{41}$	12	286.0016	682
286	36/43 + 32/57	10	285.9977	459
	21/29 + 13/51	7	285.9945	193
	$1 + \frac{5}{51} + \frac{1}{59}$	8	286.9985	721
287	$1 + \frac{1}{16} + \frac{24}{51}$	11	287.0024	448
201	13/31 + 38/39	10	287.0024	362
	1 + 4/29 + 23/59	11	288.0031	352
288	$2 + \frac{1}{17} + \frac{13}{43}$	17	287.9954	232
200	1 + 9/47 + 35/57	13	288.005	232
	1 1 7 41 7 99/31	10	200.000	211

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	ø
	1/27 + 41/44	7	289.0009	1246
289	10/39 + 1/49	2	288.9981	572
	13/49 + 50/51	9	288.9945	198
	39/41 + 30/53	11	289.997	358
290	$2 + \frac{1}{20} + \frac{8}{51}$	16	290.0044	244
230	$1 + \frac{34}{44} + \frac{1}{49}$	13	289.9948	210
	1 + 3/34 + 1/49 1 + 3/39 + 1/44	8	291.0016	685
291	6/21 + 35/43	8	291.0010	360
291	$\frac{6/21 + 66/43}{1/49 + 27/51}$	4	291.0044	249
		11	291.0044	376
292	$1 + \frac{1}{31} + \frac{28}{59}$	8	292.0029	195
292	21/37 + 28/53	10		1
	$1 + \frac{18}{51} + \frac{1}{59}$		291.9942	187
200	$\frac{7}{20} + \frac{10}{51}$	4	292.9982	611
293	5/18 + 11/41	4	293.0025	442
	2/29 + 27/44	5	292.9966	318
	$1 + \frac{1}{23} + \frac{13}{41}$	10	293.9984	706
294	36/44 + 32/59	10	293.9977	486
	$1 + \frac{13}{18} + \frac{2}{43}$	13	293.9956	251
	13/23 + 34/43	10	295.0037	296
295	1/23 + 48/53	7	295.0043	255
	17/44 + 1/49	3	295.0057	193
	$1 + \frac{8}{17} + \frac{1}{63}$	11	296.005	220
296	$1 + \frac{1}{18} + \frac{30}{53}$	12	296.0052	214
	$1 + \frac{1}{43} + \frac{11}{57}$	9	295.9946	206
297	1/27 + 28/44	5	Exact	∞
	19/41 + 30/63	7	297.9975	451
298	1/23 + 48/63	6	297.9949	217
	16/21 + 1/23	6	297.9949	217
	34/37 + 1/57	7	298.9975	442
299	1/29 + 46/51	7	299.0036	310
200	15/20 + 11/59	7	299.0045	247
	$1 + \frac{1}{15} + \frac{8}{20}$	11	Exact	∞
300	12/15 + 26/39	11	Exact	∞
	33/43 + 27/63	9	Exact	∞
301	9/21 + 33/43	9	Exact	∞
		8	302.0011	1000
200	4/53 + 62/63			
302	$\frac{12}{23} + \frac{15}{37}$	7	302.0025	446
	$\frac{1}{20} + \frac{30}{49}$	5	302.0031	367
	$1 + \frac{6}{19} + \frac{6}{44}$	11	302.9984	689
303	$\frac{24}{31} + \frac{40}{59}$	11	302.997	376
	$1 + \frac{8}{15} + \frac{3}{59}$	12	302.9957	265
304	$1 + \frac{3}{18} + \frac{1}{57}$	9	Exact	∞
	$1 + \frac{7}{43} + \frac{1}{57}$	9	304.9983	661
305	$1 + \frac{1}{33} + \frac{1}{53}$	8	305.0027	419
	1 + 8/37 + 6/63	10	305.0049	232
306	3/27 + 1/51	1	Exact	∞
	4/41 + 39/57	6	306.9951	233
307	14/16 + 1/27	7	307.0051	226
	1/20 + 25/29	7	306.9943	202
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Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	~
308	1/33 + 39/63	5	Exact	∞
300	13/21 + 1/33	5	Exact	∞
	1/23 + 32/53	5	308.9987	913
309	$1 + \frac{1}{16} + \frac{4}{39}$	9	308.9959	280
	4/19 + 42/44	9	308.9938	187
	$1 + \frac{27}{41} + \frac{1}{53}$	13	310.0027	423
310	$1 + \frac{1}{39} + \frac{23}{44}$	12	310.0038	308
010	$1 + \frac{1}{20} + \frac{32}{51}$	13	309.9942	198
	$\frac{1}{37} + \frac{35}{47}$	6	310.9985	781
311	13/53 + 52/57	9	310.998	582
011	1 + 4/29 + 1/51	9	311.0047	249
312	$\frac{1+7/29+7/31}{5/15+22/39}$	7	Exact	∞
312		11	313.002	595
010	34/49 + 42/59			
313	$1 + \frac{3}{17} + \frac{16}{33}$	13	313.0043	273
	15/17 + 28/43	12	313.0062	187
	$\frac{1}{18} + \frac{25}{43}$	5	313.9959	289
314	3/49 + 49/59	7	313.9953	252
	1/23 + 40/41	8	314.0062	188
315	2/21 + 2/63	1	Exact	∞
313	$\frac{2}{18} + \frac{1}{63}$	1	Exact	∞
	1/31 + 50/51	8	316.0025	473
316	1/53 + 35/57	5	316.0042	282
	4/17 + 41/63	7	315.9958	280
	5/31 + 38/39	9	316.9993	1630
317	5/33 + 62/63	9	317.0013	934
	$1 + \frac{1}{15} + \frac{2}{29}$	9	317.004	293
	1/20 + 49/59	7	317.9981	618
318	9/21 + 34/41	10	318.0055	215
010	16/29 + 20/44	8	318.0062	191
319	$\frac{1}{29} + \frac{4}{44}$	1	Exact	∞
013	$\frac{2}{16} + \frac{15}{20}$	7	Exact	∞
320	6/16 + 22/44	7	Exact	∞
		8	320.9995	
201	40/41 + 1/47			2310 896
321	43/44 + 1/51	8	321.0013	
	$\frac{23}{27} + \frac{1}{49}$	7	321.0052	231
222	$1 + \frac{1}{33} + \frac{5}{57}$	9	321.9971	422
322	$\frac{1}{19} + \frac{48}{51}$	8	321.9938	193
	16/17 + 3/57	8	321.9938	193
323	1/17 + 39/57	6	Exact	∞
	$1 + \frac{1}{37} + \frac{11}{53}$	10	323.9983	734
324	7/23 + 40/43	10	323.9967	370
	6/31 + 25/59	5	324.0035	342
325	1/15 + 7/39	2	Exact	∞
	$\frac{7}{27} + \frac{30}{31}$	10	325.9981	627
326	2/23 + 44/57	7	326.0036	343
	12/17 + 1/33	6	326.0048	252
	$\frac{28/47 + 1/63}{28/47 + 1/63}$	5	327.0017	739
327	24/39 + 31/51	10	327.0037	331
021	17/37 + 25/63	7	326.994	203
	1 -1/31 - 29/03	1	920.334	200

Division	Manivelle Tours	Tours de	Divisions	Ø
Voulu	et Divisions	la Piece	Reels	, »
	$1 + \frac{14}{43} + \frac{1}{63}$	11	328.0022	558
328	$1 + \frac{1}{33} + \frac{7}{37}$	10	328.0054	228
	$1 + \frac{1}{20} + \frac{10}{59}$	10	328.0056	221
329	3/21 + 39/47	8	Exact	∞
330	7/21 + 17/33	7	Exact	∞
	1/20 + 39/49	7	331.0012	1028
331	24/41 + 1/53	5	330.9977	542
	5/21 + 13/53	4	331.0037	333
	8/15 + 27/49	9	331.995	247
332	17/20 + 11/31	10	331.9946	232
	$1 + \frac{1}{33} + \frac{2}{37}$	9	331.994	205
333	4/18 + 14/37	5	Exact	∞
	1/21 + 34/43	7	334.0026	473
334	1 + 1/27 + 2/49	9	333.9972	446
	26/37 + 1/63	6	333.994	209
	13/29 + 44/59	10	334.9976	512
335	1 + 3/17 + 1/57	10	335.0043	290
	$1 + \frac{1}{37} + \frac{3}{63}$	9	334.994	209
336	1/18 + 4/63	1	Exact	∞
	22/31 + 21/44	10	336.9981	681
337	16/19 + 10/29	10	337.0031	412
	1/31 + 8/39	2	337.0035	362
	20/29 + 1/49	6	337.998	638
338	1/53 + 51/63	7	338.0043	291
	17/21 + 1/53	7	338.0043	291
	$1 + \frac{1}{44} + \frac{2}{51}$	9	339.0013	1008
339	$\frac{7}{16} + \frac{1}{29}$	4	338.9954	278
	1/29 + 33/49	6	339.006	212
	13/39 + 1/51	3	Exact	∞
340	9/27 + 1/51	3	Exact	∞
	5/15 + 1/51	3	Exact	∞
	$\frac{1}{47} + \frac{43}{63}$	6	340.9981	665
341	3/17 + 10/57	3	340.9971	435
	13/19 + 1/51	6	340.9971	435
342	10/18 + 15/57	7	Exact	∞
_	32/47 + 1/53	6	342.9948	248
343	7/23 + 17/43	6	343.0058	222
0.10	$1 + \frac{5}{39} + \frac{16}{59}$	12	343.0062	206
	$1 + \frac{1}{27} + \frac{28}{59}$	13	344.0033	387
344	9/16 + 56/59	13	343.9944	229
	$1 + \frac{1}{17} + \frac{24}{53}$	13	343.9941	219
345	$\frac{3}{23} + \frac{19}{57}$	4	Exact	∞
	$\frac{5}{16} + \frac{47}{49}$	11	345.998	646
346	$1 + \frac{2}{15} + \frac{1}{44}$	10	346.0026	494
	$1 + \frac{11}{43} + \frac{1}{63}$	11	345.9971	446
	$\frac{10}{44} + \frac{41}{59}$	8	347.0008	1556
347	26/29 + 1/39	8	346.999	1355
J	1/33 + 33/37	8	346.9982	731
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Division	Manivelle Tours	Tours de	Divisions	~
Voulu	et Divisions	la Piece	Reels	Ø
	11/43 + 42/47	10	347.9983	757
348	$1 + \frac{4}{31} + \frac{1}{49}$	10	347.9954	284
	3/17 + 36/37	10	347.9945	235
	35/43 + 32/57	12	349.0003	4407
349	8/18 + 9/37	6	348.9956	299
	13/47 + 62/63	11	349.0062	212
350	$1 + \frac{16}{20} + \frac{7}{49}$	17	Exact	∞
351	1/27 + 3/39	1	Exact	∞
352	$\frac{5}{20} + \frac{14}{44}$	5	Exact	∞
	1/47 + 44/57	7	352.9976	562
353	28/44 + 41/49	13	352.9975	525
	13/17 + 21/57	10	353.0055	242
	9/31 + 27/44	8	353.9984	817
354	1/23 + 37/43	8	354.0045	296
001	3/17 + 41/43	10	353.9952	273
	12/47 + 62/63	11	354.9973	488
355	1/29 + 48/49	9	355.0035	383
333	33/43 + 1/47	7	355.0063	212
	$\frac{15}{41} + \frac{56}{57}$	12	356.0013	1050
356	1/29 + 51/59	8	355.9948	256
300	$\frac{1}{16} + \frac{37}{39}$	9	356.0063	210
	$\frac{3}{17} + \frac{1}{21}$	2	Exact	∞
357	3/17 + 3/63	2	Exact	∞
	$\frac{2}{21} + \frac{19}{41}$	5	358.0042	322
358	1/47 + 37/57	6	357.9955	301
330	1/27 + 38/51	7	357.9944	240
	$\frac{727}{31} + \frac{1}{49}$	8	358.9956	303
359	13/17 + 15/63	9	358.9944	240
	1/37 + 34/53	6	358.9931	195
360	$\frac{2}{21} + \frac{1}{63}$	1	Exact	∞
330	$\frac{721}{28/37+1/53}$	7	360.9993	2057
361	2/17 + 29/53	6	361.0017	810
901	1/16 + 29/59	5	360.9943	235
	40/41 + 1/53	9	361.9991	1465
362	11/37 + 30/63	7	361.9967	407
002	1/33 + 35/41	8	362.0067	202
	$\frac{1}{39} + \frac{57}{59}$	9	362.9974	517
363	1/18 + 44/47	9	363.0036	380
000	$\frac{1}{41} + \frac{54}{63}$	8	363.004	344
	$\frac{25}{47} + \frac{1}{57}$	5	363.9946	250
364	$\frac{1}{29} + \frac{42}{44}$	9	363.9937	215
304	$\frac{1}{29} + \frac{12}{44}$ $\frac{1}{18} + \frac{32}{53}$	6	364.0064	214
	$1 + \frac{13}{44} + \frac{1}{51}$	12	365.0017	807
365	$\frac{1+19/44+1/51}{1/43+22/53}$	4	365.005	273
303	$\frac{1/43 + 22/53}{21/37 + 28/53}$	10	365.007	195
	$\frac{21/37 + 20/53}{1/43 + 40/47}$	8	365.9989	1211
366	$\frac{1/43 + 40/47}{24/29 + 13/49}$	10	366.0013	1064
300	23/29 + 13/49 23/29 + 18/44	11	365.9974	525
	-9/29 + 19/44	11	500.5514	020

Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	
	10/16 + 21/59	9	366.9978	636
367	28/47 + 38/63	11	366.9972	488
	$\frac{22}{23} + \frac{1}{41}$	9	367.0054	254
368	9/18 + 1/23	5	Exact	∞
	$1 + \frac{1}{23} + \frac{7}{47}$	11	368.9992	1781
369	10/23 + 16/37	8	368.9973	510
	8/15 + 29/44	11	368.9962	362
	20/23 + 61/63	17	370.0038	369
370	9/17 + 62/63	14	369.9938	224
	$1 + \frac{1}{18} + \frac{30}{53}$	15	370.0065	214
371	6/21 + 2/53	3	Exact	∞
372	16/31 + 26/39	11	Exact	∞
	1/41 + 39/63	6	372.9964	387
373	13/21 + 1/41	6	372.9964	387
	1/16 + 9/19	5	373.0061	227
	$\frac{1}{16} + \frac{23}{29}$	8	374.005	278
374	$1 + \frac{1}{19} + \frac{9}{39}$	12	374.0063	222
0.1	11/27 + 1/49	4	373.9929	198
	$1 + \frac{1}{41} + \frac{7}{47}$	11	375.0022	635
375	1/43 + 34/47	7	375.0033	424
0.0	8/31 + 54/59	11	375.0047	301
	$\frac{1}{39} + \frac{41}{44}$	9	375.9951	289
376	6/19 + 49/51	12	376.0065	209
370	$5/19 + \frac{45}{51}$ $5/17 + \frac{56}{57}$	12	376.0065	$\frac{217}{217}$
	$1 + \frac{1}{23} + \frac{1}{57}$	10	376.0003	280
277	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5	377.0058	243
377	11/16 + 5/31	8	377.0038	198
378		13	Exact	
3/8	14/27 + 42/49			∞
970	27/44 + 1/51	6	379.0007	2017
379	11/16 + 2/39	7	379.0022	654
200	1 + 9/37 + 1/43	12	378.9975	572
380	6/18 + 23/57	7	Exact	∞
	7/41 + 62/63	11	380.999	1419
381	28/39 + 1/59	7	381.0053	268
	16/20 + 11/31	11	381.0056	255
	16/33 + 52/53	14	381.9969	458
382	$1 + \frac{6}{19} + \frac{2}{44}$	13	382.0035	407
	$1 + \frac{1}{17} + \frac{4}{43}$	11	381.9952	301
	1/23 + 17/63	3	382.9956	325
383	1/21 + 26/33	8	383.0052	276
	1/33 + 15/53	3	382.9927	196
	1/16 + 18/27	7	Exact	∞
384	1/16 + 26/39	7	Exact	∞
304	1/16 + 34/51	7	Exact	∞
	10/15 + 1/16	7	Exact	∞
385	1/21 + 19/33	6	Exact	∞
	21/37 + 23/63	9	385.9982	785
386	1/43 + 33/47	7	386.0027	530
	6/20 + 31/49	9	385.9956	330
		r	1	

Division	Manivelle Tours	Tours de	Divisions	~
Voulu	et Divisions	la Piece	Reels	Ø
	1/16 + 39/59	7	386.9985	990
387	1/33 + 18/37	5	387.0048	304
	$\frac{25}{31} + \frac{1}{49}$	8	387.0064	227
	$1 + \frac{12}{37} + \frac{1}{63}$	13	388.0026	567
388	$1 + \frac{5}{33} + \frac{10}{53}$	13	388.0034	425
	11/16 + 7/51	8	387.9941	244
	1/17 + 24/43	6	389.0022	657
389	1/18 + 32/57	6	389.0047	307
	2/23 + 1/63	1	388.9933	217
390	10/15 + 2/39	7	Exact	∞
391	1/17 + 1/23	1	Exact	∞
	8/23 + 46/47	13	391.9944	263
392	7/23 + 35/57	9	391.9934	221
	12/41 + 39/47	11	391.9926	198
	1/18 + 37/43	9	393.0042	347
393	1/37 + 37/47	8	392.9944	260
	1/47 + 51/57	9	393.0073	200
	6/44 + 50/51	11	393.9984	924
394	1 + 8/31 + 8/49	14	393.9972	531
	$1 + \frac{2}{15} + \frac{11}{59}$	13	394.0068	215
	1/31 + 50/51	10	395.0031	473
395	1/23 + 46/53	9	394.9955	328
	11/47 + 52/53	12	395.005	298
396	$1 + \frac{9}{33} + \frac{28}{63}$	17	Exact	∞
390	$1 + \frac{2}{18} + \frac{20}{33}$	17	Exact	∞
	10/27 + 26/31	12	396.996	376
397	18/27 + 15/44	10	396.9925	197
	$1 + \frac{1}{20} + \frac{7}{44}$	12	396.9925	197
	1/16 + 25/39	7	397.9954	327
398	8/29 + 1/39	3	398.0059	254
	$1 + \frac{1}{51} + \frac{11}{59}$	12	397.9939	245
399	1/21 + 3/57	1	Exact	∞