Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
1	60	1	Exact	$\infty$
2	30	1	Exact	$\infty$
3	20	1	Exact	$\infty$
4	15	1	Exact	$\infty$
5	12	1	Exact	$\infty$
6	10	1	Exact	$\infty$
-	8 + 8/14	1	Exact	$\infty$
7	$8 + \frac{12}{21}$	1	Exact	$\infty$
	$7 + \frac{7}{14}$	1	Exact	$\infty$
	$7 + \frac{13}{26}$	1	Exact	$\infty$
	$7 + \frac{18}{36}$	1	Exact	$\infty$
8	7 + 8/16	1	Exact	$\infty$
	7 + 20/40	1	Exact	$\infty$
	7 + 11/22	1	Exact	$\infty$
	7 + 30/60	1	Exact	$\infty$
	6 + 24/36	1	Exact	$\infty$
9	$6 + \frac{14}{21}$	1	Exact	$\infty$
9	$6 + \frac{18}{27}$	1	Exact	$\infty$
	6 + 40/60	1	Exact	$\infty$
10	6	1	Exact	$\infty$
11	$5 + \frac{10}{22}$	1	Exact	$\infty$
12	5	1	Exact	$\infty$
13	$4 + \frac{16}{26}$	1	Exact	$\infty$
14	4 + 4/14	1	Exact	$\infty$
	4 + 6/21	1	Exact	$\infty$
15	4	1	Exact	$\infty$
	$3 + \frac{27}{36}$	1	Exact	$\infty$
16	$3 + \frac{12}{16}$	1	Exact	$\infty$
10	$3 + \frac{30}{40}$	1	Exact	$\infty$
	3 + 45/60	1	Exact	$\infty$
17	3 + 9/17	1	Exact	$\infty$
	$3 + \frac{12}{36}$	1	Exact	$\infty$
18	3 + 7/21	1	Exact	$\infty$
10	3 + 9/27	1	Exact	$\infty$
	3 + 20/60	1	Exact	$\infty$
19	3 + 3/19	1	Exact	$\infty$
20	3	1	Exact	$\infty$
21	$2 + \frac{12}{14}$	1	Exact	$\infty$
	$2 + \frac{18}{21}$	1	Exact	$\infty$
22	$2 + \frac{16}{22}$	1	Exact	$\infty$
23	$2 + \frac{14}{23}$	1	Exact	$\infty$
24	2 + 7/14	1	Exact	$\infty$
	$2 + \frac{13}{26}$	1	Exact	$\infty$
	$2 + \frac{18}{36}$	1	Exact	$\infty$
	2 + 8/16	1	Exact	$\infty$
	$2 + \frac{20}{40}$	1	Exact	$\infty$
	$2 + \frac{11}{22}$	1	Exact	$\infty$
	$2 + \frac{30}{60}$	1	Exact	$\infty$

District	Manivelle Tours	T 1.	Districts	I
Division		Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	
25	$2 + \frac{16}{40}$	1	Exact	$\infty$
	$2 + \frac{24}{60}$	1	Exact	$\infty$
26	2 + 8/26	1	Exact	$\infty$
27	2 + 8/36	1	Exact	$\infty$
21	2 + 6/27	1	Exact	$\infty$
28	$2 + \frac{2}{14}$	1	Exact	$\infty$
	2 + 3/21	1	Exact	$\infty$
29	$2 + \frac{2}{29}$	1	Exact	$\infty$
30	2	1	Exact	$\infty$
31	$1 + \frac{29}{31}$	1	Exact	$\infty$
32	$1 + \frac{14}{16}$	1	Exact	$\infty$
	$1 + \frac{35}{40}$	1	Exact	$\infty$
33	$1 + \frac{18}{22}$	1	Exact	$\infty$
34	$1 + \frac{13}{17}$	1	Exact	$\infty$
35	1 + 10/14	1	Exact	$\infty$
39	$1 + \frac{15}{21}$	1	Exact	$\infty$
	$1 + \frac{24}{36}$	1	Exact	$\infty$
9.0	$1 + \frac{14}{21}$	1	Exact	$\infty$
36	$1 + \frac{18}{27}$	1	Exact	$\infty$
	1 + 40/60	1	Exact	$\infty$
37	$1 + \frac{23}{37}$	1	Exact	$\infty$
38	$1 + \frac{11}{19}$	1	Exact	$\infty$
39	$1 + \frac{14}{26}$	1	Exact	$\infty$
	$1 + \frac{7}{14}$	1	Exact	$\infty$
	$1 + \frac{13}{26}$	1	Exact	$\infty$
	$1 + \frac{18}{36}$	1	Exact	$\infty$
40	1 + 8/16	1	Exact	$\infty$
	$1 + \frac{20}{40}$	1	Exact	$\infty$
	$1 + \frac{11}{22}$	1	Exact	$\infty$
	$1 + \frac{30}{60}$	1	Exact	$\infty$
	$21 + \frac{34}{37} + \frac{1}{31}$	15	41.00008	1933
41	$14 + \frac{19}{31} + \frac{1}{47}$	10	40.99991	1637
	$26 + \frac{19}{22} + \frac{16}{17}$	19	41.0001	1597
- 10	1 + 6/14	1	Exact	$\infty$
42	1 + 9/21	1	Exact	$\infty$
	$20 + \frac{28}{31} + \frac{1}{37}$	15	42.99996	3867
43	7 + 29/40 + 11/17	6	43.00018	917
	$7 + \frac{26}{27} + \frac{9}{22}$	6	43.0002	801
44	1 + 8/22	1	Exact	$\infty$
	$1 + \frac{12}{36}$	1	Exact	$\infty$
,-	$1 + \frac{7}{21}$	1	Exact	$\infty$
45	$1 + \frac{9}{27}$	1	Exact	$\infty$
	$1 + \frac{20}{60}$	1	Exact	$\infty$
46	$1 + \frac{7}{23}$	1	Exact	$\infty$
47	$1 + \frac{13}{47}$	1	Exact	$\infty$
	$1 + \frac{9}{36}$	1	Exact	$\infty$
	1 + 4/16	1	Exact	$\infty$
48	$1 + \frac{10}{40}$	1	Exact	$\infty$
	$1 + \frac{15}{60}$	1	Exact	$\infty$
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Division	Manivelle Tours	Tours de	Divisions	~
Voulu	et Divisions	la Piece	Reels	Ø
	$15 + \frac{33}{47} + \frac{8}{37}$	13	49.00007	2540
49	$28 + \frac{20}{27} + \frac{11}{17}$	24	48.99993	2476
	$10 + \frac{39}{40} + \frac{1}{22}$	9	48.99979	890
	$1 + \frac{8}{40}$	1	Exact	$\infty$
50	$1 + \frac{12}{60}$	1	Exact	$\infty$
51	$1 + \frac{3}{17}$	1	Exact	$\infty$
52	$1 + \frac{4}{26}$	1	Exact	∞
02	$12 + \frac{11}{27} + \frac{1}{22}$	11	52.99986	1468
53	$5 + \frac{38}{60} + \frac{1}{37}$	5	53.00016	1247
55	$19 + \frac{4}{23} + \frac{1}{14}$	17	52.99984	1230
	$19 + \frac{7}{23} + \frac{7}{14}$ $1 + \frac{4}{36}$	1	Exact	∞
54	$1 + \frac{4}{36}$ $1 + \frac{3}{27}$	1	Exact	$\infty$
55	1 + 3/27 $1 + 2/22$	1	Exact	
				$\infty$
56	1 + 1/14	1	Exact	$\infty$
57	1 + 1/19	1	Exact	$\infty$
58	1 + 1/29	1	Exact	$\infty$
	29 + 10/22 + 1/27	29	58.99989	1936
59	$16 + \frac{27}{29} + \frac{5}{14}$	17	58.99986	1551
	$25 + \frac{13}{36} + \frac{1}{16}$	25	59.00027	809
60	1	1	Exact	$\infty$
	$29 + \frac{9}{19} + \frac{1}{29}$	30	61.00006	3715
61	$8 + \frac{32}{60} + \frac{15}{47}$	9	60.99984	1426
	$13 + \frac{29}{40} + \frac{1}{22}$	14	61.00017	1384
62	30/31	1	Exact	$\infty$
63	20/21	1	Exact	$\infty$
64	15/16	1	Exact	$\infty$
65	24/26	1	Exact	$\infty$
66	20/22	1	Exact	$\infty$
	$35 + \frac{9}{22} + \frac{7}{17}$	40	67.00007	3362
67	$19 + \frac{17}{26} + \frac{1}{21}$	22	67.00009	2700
	$14 + \frac{7}{29} + \frac{2}{23}$	16	67.0001	2398
68	15/17	1	Exact	∞
69	20/23	1	Exact	∞
	12/14	1	Exact	$\infty$
70	18/21	1	Exact	$\infty$
	$28 + \frac{20}{21} + \frac{10}{16}$	35	71.0002	1321
71	$26 + \frac{20}{21} + \frac{10}{16}$ $24 + \frac{16}{36} + \frac{1}{16}$	29	71.0002	938
11	9 + 46/47 + 6/37	12	70.99972	938
	30/36	1	Exact	∞
72	50/60	1	Exact Exact	$\infty$
	$18 + \frac{20}{23} + \frac{1}{29}$	23	73.00024	$\frac{\infty}{1149}$
79	$   \begin{array}{c cccccccccccccccccccccccccccccccccc$	$\frac{23}{24}$	73.00024	
73	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{24}{32}$	73.00028	990
7.4				772
74	30/37	1	Exact	$\infty$
75	32/40	1	Exact	$\infty$
	48/60	1	Exact	$\infty$
76	15/19	1	Exact	$\infty$

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$25 + \frac{39}{40} + \frac{14}{27}$	34	76.99997	8254
77	$16 + \frac{28}{29} + \frac{22}{23}$	23	77.00017	1724
	$22 + \frac{18}{31} + \frac{1}{60}$	29	77.00031	932
78	20/26	1	Exact	∞
	$14 + \frac{21}{22} + \frac{4}{17}$	20	79.00018	1681
79	$10 + \frac{25}{60} + \frac{8}{37}$	14	79.00021	1397
	$13 + \frac{46}{47} + \frac{14}{31}$	19	79.00024	1244
	27/36	1	Exact	$\infty$
	12/16	1	Exact	$\infty$
80	30/40	1	Exact	$\infty$
	45/60	1	Exact	$\infty$
81	20/27	1	Exact	$\infty$
	$26 + \frac{19}{22} + \frac{16}{17}$	38	82.00019	1597
82	$6 + \frac{13}{37} + \frac{11}{47}$	9	81.99965	879
	7 + 19/22 + 5/27	11	81.99958	734
	$6 + \frac{23}{47} + \frac{1}{60}$	9	82.99995	5705
83	$12 + \frac{39}{40} + \frac{1}{27}$	18	83.00007	4369
	$13 + \frac{26}{37} + \frac{1}{31}$	19	82.99987	2449
	10/14	1	Exact	$\infty$
84	15/21	1	Exact	$\infty$
85	12/17	1	Exact	
	27 + 4/29 + 1/14	39	85.99982	1779
86	$8 + \frac{36}{37} + \frac{3}{31}$	13	86.00019	1675
	$7 + \frac{29}{40} + \frac{11}{17}$	12	86.00035	917
87	20/29	1	Exact	∞
88	15/22	1	Exact	$\infty$
	22 + 6/27 + 1/40	33	88.99988	2670
89	$15 + \frac{28}{29} + \frac{3}{14}$	24	88.99985	2190
	8 + 46/47 + 17/37	14	89.00018	1824
	24/36	1	Exact	$\infty$
	14/21	1	Exact	$\infty$
90	18/27	1	Exact	$\infty$
	40/60	1	Exact	$\infty$
91	$11 + \frac{15}{21} + \frac{4}{26}$	18	Exact	$\infty$
92	15/23	1	Exact	$\infty$
93	20/31	1	Exact	$\infty$
94	30/47	1	Exact	$\infty$
95	12/19	1	Exact	$\infty$
	10/16	1	Exact	$\infty$
96	25/40	1	Exact	$\infty$
	$16 + \frac{1}{27} + \frac{1}{22}$	26	96.9999	3471
97	$20 + \frac{10}{26} + \frac{1}{36}$	33	96.9999	3471
	12 + 45/47 + 1/31	21	96.99989	3438
	7 + 40/47 + 4/37	13	98.00014	2540
98	$5 + \frac{13}{40} + \frac{5}{27}$	9	98.00034	1092
	$10 + \frac{39}{40} + \frac{1}{22}$	18	97.99959	890
99	$9 + \frac{18}{27} + \frac{14}{22}$	17	Exact	∞
	24/40	1	Exact	$\infty$
100	36/60	1	Exact	$\infty$
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Division	Manivelle Tours	Tours de	Divisions	
		la Piece		ø
Voulu	et Divisions		Reels	0070
101	$16 + \frac{10}{17} + \frac{1}{22}$	28	100.9998	2353
101	$21 + \frac{28}{29} + \frac{14}{23}$	38	101.0002	1899
	$8 + \frac{7}{26} + \frac{1}{21}$	14	100.9998	1718
102	10/17	1	Exact	$\infty$
	$12 + \frac{10}{17} + \frac{5}{22}$	22	103.0002	1849
103	$7 + \frac{20}{37} + \frac{1}{31}$	13	103.0002	1675
	$17 + \frac{22}{23} + \frac{13}{19}$	32	103.0002	1571
104	$^{15/26}$	1	Exact	$\infty$
105	8/14	1	Exact	$\infty$
100	12/21	1	Exact	$\infty$
	$12 + \frac{11}{27} + \frac{1}{22}$	22	105.9997	1468
106	$5 + \frac{38}{60} + \frac{1}{37}$	10	106.0003	1247
	$19 + \frac{4}{23} + \frac{1}{14}$	34	105.9997	1230
	$15 + \frac{53}{60} + \frac{14}{37}$	29	106.9998	2067
107	14 + 9/17 + 2/40	26	107.0002	1987
	$19 + \frac{39}{40} + \frac{17}{22}$	37	106.9997	1219
100	20/36	1	Exact	$\infty$
108	15/27	1	Exact	$\infty$
	$10 + \frac{25}{26} + \frac{1}{21}$	20	109.0002	2454
109	$10 + \frac{22}{23} + \frac{1}{19}$	20	109.0002	1964
	$12 + \frac{1}{21} + \frac{1}{16}$	22	108.9998	1661
110	12/22	1	Exact	$\infty$
111	20/37	1	Exact	
112	$4 + \frac{21}{36} + \frac{5}{21}$	9	Exact	$\infty$
112	$10 + \frac{46}{47} + \frac{26}{37}$	22	112.9999	4299
113	$15 + \frac{17}{19} + \frac{1}{29}$	30	112.9999	3715
110	$20 + \frac{25}{37} + \frac{1}{31}$	39	113.0002	2513
114	10/19	1	Exact	∞
115	12/23	1	Exact	$\infty$
116	15/29	1	Exact	
117		11		$\infty$
117	$4 + \frac{30}{36} + \frac{21}{26}$		Exact	∞
110	$8 + \frac{29}{47} + \frac{1}{37}$	17 43	118.0003	1661
118	$21 + \frac{20}{26} + \frac{2}{21}$	_	117.9997	1319
	12 + 9/14 + 2/29	25	118.0004	1140
110	$13 + \frac{11}{19} + \frac{1}{29}$	27	119.0001	3344
119	$12 + \frac{20}{37} + \frac{2}{31}$	25	118.9999	3222
	$6 + \frac{32}{60} + \frac{1}{47}$	13	119.0002	2060
	7/14	1	Exact	$\infty$
	13/26	1	Exact	$\infty$
100	18/36	1	Exact	$\infty$
120	8/16	1	Exact	$\infty$
	20/40	1	Exact	$\infty$
	$\frac{11}{22}$	1	Exact	$\infty$
	30/60	1	Exact	$\infty$
	$24 + \frac{18}{31} + \frac{10}{47}$	50	120.9999	4093
121	$14 + \frac{17}{29} + \frac{11}{14}$	31	120.9998	2829
	$8 + \frac{11}{16} + \frac{5}{21}$	18	121.0003	1359

Division	Manivelle Tours	Tours de	Divisions	~
Voulu	et Divisions	la Piece	Reels	Ø
	$31 + \frac{19}{21} + \frac{1}{16}$	65	121.9998	2454
122	3 + 46/60 + 31/47	9	121.9997	1426
	$13 + \frac{29}{40} + \frac{1}{22}$	28	122.0003	1384
	$15 + \frac{16}{22} + \frac{10}{27}$	33	122.9994	734
123	$12 + \frac{3}{22} + \frac{1}{17}$	25	122.9993	700
	$10 + \frac{5}{29} + \frac{1}{14}$	21	123.0007	638
124	15/31	1	Exact	$\infty$
	$36 + \frac{14}{17} + \frac{3}{22}$	77	125.0004	1294
125	$7 + \frac{18}{37} + \frac{6}{31}$	16	124.9994	825
	$12 + \frac{13}{19} + \frac{8}{29}$	27	124.9993	668
126	10/21	1	Exact	$\infty$
127	11 + 30/47 + 20/31	26	127.0001	8515
	$12 + \frac{15}{22} + \frac{2}{27}$	27	127.0001	3605
	$9 + \frac{54}{60} + \frac{1}{47}$	21	126.9998	2218