Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
1	72	1	Exact	∞
2	36	1	Exact	∞
3	24	1	Exact	∞
4	18	1	Exact	∞
5	14 + 6/15	1	Exact	∞
6	12	1	Exact	∞
7	$10 + \frac{8}{28}$	1	Exact	∞
8	9	1	Exact	∞
9	8	1	Exact	∞
10	$7 + \frac{3}{15}$	1	Exact	∞
	$65 + \frac{9}{28} + \frac{2}{15}$	10	10.99996	1132
11	$58 + \frac{18}{28} + \frac{4}{15}$	9	10.99992	509
	45 + 8/28 + 8/15	7	10.99979	198
12	6	1	Exact	∞
	$38 + \frac{11}{15} + \frac{1}{28}$	7	13.00006	793
1.0	$60 + \frac{24}{28} + \frac{1}{15}$	11	12.99984	311
13	$44 + \frac{3}{28} + \frac{3}{15}$	8	13.00016	302
	49 + 10/15 + 5/28	9	13.00024	203
14	5 + 4/28	1	Exact	∞
15	4 + 12/15	1	Exact	∞
16	4 + 14/28	1	Exact	∞
	46 + 9/28 + 4/15	11	17.00005	1246
17	$50 + \frac{10}{28} + \frac{7}{15}$	12	16.99991	679
	$42 + \frac{8}{28} + \frac{1}{15}$	10	17.00022	283
18	4	1	Exact	∞
	$26 + \frac{11}{28} + \frac{2}{15}$	7	19.00009	793
	$56 + \frac{18}{28} + \frac{3}{15}$	15	18.99975	283
19	$37 + \frac{12}{28} + \frac{7}{15}$	10	18.99975	283
	$18 + \frac{11}{15} + \frac{6}{28}$	5	18.99975	283
	$68 + \frac{4}{28} + \frac{1}{15}$	18	19.00028	254
20	3 + 9/15	1	Exact	∞
21	$3 + \frac{12}{28}$	1	Exact	∞
	$65 + \frac{9}{28} + \frac{2}{15}$	20	21.99993	1132
	$58 + \frac{18}{28} + \frac{4}{15}$	18	21.99984	509
	$29 + \frac{9}{28} + \frac{2}{15}$	9	21.99984	509
22	55 + 9/15 + 1/28	17	22.00026	320
	$68 + \frac{11}{28} + \frac{5}{15}$	21	22.00035	237
	45 + 8/28 + 8/15	14	21.99958	198
	$22 + \frac{18}{28} + \frac{4}{15}$	7	21.99958	198
	56 + 6/28 + 2/15	18	23.00008	1019
	$28 + \frac{3}{28} + \frac{1}{15}$	9	23.00008	1019
0.9	$68 + \frac{15}{28} + \frac{5}{15}$	22	23.00017	498
23	$40 + \frac{12}{28} + \frac{4}{15}$	13	23.00023	368
	$46 + \frac{10}{28} + \frac{9}{15}$	15 20	22.9997 22.9997	283 283
	$\begin{array}{c c} 62 + 7/15 + 4/28 \\ 65 + 10/15 + 2/28 \end{array}$	20 21	23.00036	$\frac{283}{237}$
24	$\frac{65 + \frac{10}{15} + \frac{2}{28}}{3}$	1	23.00036 Exact	
25	$\frac{3}{28 + \frac{12}{15}}$	10	Exact	∞

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	ø
Vouru	$38 + \frac{11}{15} + \frac{1}{28}$	14	26.00012	793
	$41 + \frac{7}{15} + \frac{2}{28}$	15	26.00012	424
26	$60 + \frac{24}{28} + \frac{1}{15}$	22	25.99969	311
20	$44 + \frac{3}{28} + \frac{3}{15}$	16	26.00032	302
	$49 + \frac{10}{15} + \frac{5}{28}$	18	26.00048	203
27	$2 + \frac{10}{15}$	1	Exact	∞
28	$2 + \frac{16}{28}$	1	Exact	$-\infty$
20	$52 + \frac{2}{128} + \frac{1}{15}$	21	28.99991	1189
	$9 + \frac{13}{28} + \frac{7}{15}$	4	29.00024	453
	29 + 11/28 + 6/15	12	29.00024	453
	$69 + \frac{7}{28} + \frac{4}{15}$	28	29.00024	453
	$49 + \frac{9}{28} + \frac{5}{15}$	20	29.00024	453
29	32 + 4/28 + 2/15	13	28.9997	368
	$64 + \frac{8}{28} + \frac{4}{15}$	26	28.9997	368
	$67 + \frac{1}{28}$	27	28.99947	203
	$44 + \frac{10}{28} + \frac{5}{15}$	18	28.99947	203
	$57 + \frac{1}{28} + \frac{1}{15}$	23	29.00054	200
30	2 + 6/15	1	Exact	∞
	$62 + \frac{18}{28} + \frac{1}{15}$	27	31.00008	1529
	53 + 8/28 + 2/15	23	31.00018	651
	$48 + \frac{10}{15} + \frac{3}{28}$	21	31.00024	475
	$27 + \frac{12}{15} + \frac{2}{28}$	12	30.99949	226
	4 + 7/15 + 5/28	2	30.99949	226
31	$60 + \frac{9}{28} + \frac{1}{15}$	26	30.99949	226
	32 + 7/28 + 4/15	14	30.99949	226
	$41 + \frac{17}{28} + \frac{3}{15}$	18	30.99949	226
	$13 + \frac{15}{28} + \frac{6}{15}$	6	30.99949	226
	$55 + \frac{9}{15} + \frac{4}{28}$	24	30.99949	226
	$34 + \frac{16}{28} + \frac{4}{15}$	15	31.00055	212
32	2 + 7/28	1	Exact	∞
33	,	Pas de solu	tion	
	$46 + \frac{9}{28} + \frac{4}{15}$	22	34.0001	1246
	$50 + \frac{10}{28} + \frac{7}{15}$	24	33.99981	679
	$40 + \frac{3}{15} + \frac{1}{28}$	19	33.99964	358
	$10 + \frac{9}{28} + \frac{4}{15}$	5	34.00045	283
34	$52 + \frac{17}{28} + \frac{5}{15}$	25	34.00045	283
	42 + 8/28 + 1/15	20	34.00045	283
	$69 + \frac{21}{28} + \frac{2}{15}$	33	33.99952	267
	$14 + \frac{10}{28} + \frac{7}{15}$	7	33.99936	198
	44 + 6/15 + 2/28	21	33.99936	198
35		Pas de solu		
36	2	1	Exact	∞

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$58 + \frac{5}{28} + \frac{3}{15}$	30	36.99988	1132
	$19 + \frac{11}{28} + \frac{1}{15}$	10	36.99988	1132
	$38 + \frac{22}{28} + \frac{2}{15}$	20	36.99988	1132
	$46 + \frac{10}{15} + \frac{1}{28}$	24	37.00025	543
37	$44 + \frac{10}{28} + \frac{6}{15}$	23	36.99968	434
	$54 + \frac{8}{28} + \frac{3}{15}$	28	37.00052	264
	68 + 3/28	35	37.00052	264
	$40 + \frac{13}{28} + \frac{6}{15}$	21	37.00052	264
	62 + 3/15 + 2/28	32	36.99931	201
	$62 + \frac{11}{28} + \frac{2}{15}$	33	38.00008	1869
	$54 + \frac{11}{15} + \frac{6}{28}$	29	37.99983	821
	$26 + \frac{11}{28} + \frac{2}{15}$	14	38.00018	793
	$43 + \frac{6}{15} + \frac{5}{28}$	23	38.00033	434
	$66 + \frac{7}{28} + \frac{1}{15}$	35	37.9995	283
38	$56 + \frac{18}{28} + \frac{3}{15}$	30	37.9995	283
	$18 + \frac{11}{15} + \frac{6}{28}$	10	37.9995	283
	$37 + \frac{12}{28} + \frac{7}{15}$	20	37.9995	283
	$47 + \frac{5}{15} + \frac{1}{28}$	25	37.9995	283
	$68 + \frac{4}{28} + \frac{1}{15}$	36	38.00056	254
	$58 + \frac{15}{28} + \frac{3}{15}$	31	38.00073	195
39		Pas de solu		
40	$1 + \frac{12}{15}$	1	Exact	∞
	$43 + \frac{13}{15} + \frac{1}{28}$	25	41.00005	2832
	59 + 9/15 + 3/28	34	41.00012	1283
	31 + 7/15 + 4/28	18	41.0003	509
	$15 + \frac{11}{15} + \frac{2}{28}$	9	41.0003	509
41	$47 + \frac{6}{28} + \frac{3}{15}$	27	41.0003	509
41	$64 + \frac{18}{28} + \frac{5}{15}$	37	40.99963	419
	$66 + \frac{13}{28} + \frac{4}{15}$	38	41.00046	331
	$50 + \frac{11}{28} + \frac{8}{15}$	29	41.00051	298
	$36 + \frac{19}{28} + \frac{3}{15}$	21	40.99942	264
	$61 + \frac{13}{28}$	35	40.99942	264
42	$1 + \frac{20}{28}$	1	Exact	∞
	$58 + \frac{8}{15} + \frac{2}{28}$	35	42.99992	1982
	$51 + \frac{12}{15} + \frac{3}{28}$	31	42.99986	1170
	$45 + \frac{4}{28} + \frac{1}{15}$	27	42.99979	764
	$38 + \frac{5}{28} + \frac{5}{15}$	23	42.99969	521
43	$46 + \frac{21}{28} + \frac{2}{15}$	28	43.00036	453
	31 + 9/15 + 6/28	19	42.99955	358
	$56 + \frac{13}{28} + \frac{7}{15}$	34	42.99946	296
	$61 + \frac{10}{15} + \frac{8}{28}$	37	43.00077	209
	$43 + \frac{15}{28}$	26	42.99918	196
44	·	Pas de solu		
45	1 + 9/15	1	Exact	∞

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$56 + \frac{6}{28} + \frac{2}{15}$	36	46.00017	1019
	$28 + \frac{3}{28} + \frac{1}{15}$	18	46.00017	1019
	48 + 9/28 + 3/15	31	46.00029	585
	$20 + \frac{6}{28} + \frac{2}{15}$	13	46.00047	368
46	$40 + \frac{12}{28} + \frac{4}{15}$	26	46.00047	368
	$46 + \frac{10}{28} + \frac{9}{15}$	30	45.99939	283
	54 + 8/15 + 7/28	35	45.99939	283
	$32 + \frac{15}{28} + \frac{5}{15}$	21	46.00072	237
	$57 + \frac{11}{15} + \frac{5}{28}$	37	46.0009	190
	$56 + \frac{7}{15} + \frac{6}{28}$	37	46.99992	2095
	$22 + \frac{12}{15} + \frac{5}{28}$	15	47.00031	566
	$7 + \frac{11}{28} + \frac{4}{15}$	5	47.00031	566
	$30 + \frac{16}{28} + \frac{1}{15}$	20	47.00031	566
47	$45 + \frac{10}{28} + \frac{9}{15}$	30	47.00031	566
47	$33 + \frac{10}{15} + \frac{1}{28}$	22	46.99965	498
	$50 + \frac{8}{28} + \frac{4}{15}$	33	47.00075	233
	$42 + \frac{25}{28}$	28	47.00083	211
	$18 + \frac{7}{28} + \frac{2}{15}$	12	46.99909	194
	$36 + \frac{14}{28} + \frac{4}{15}$	24	46.99909	194
48	$1 + \frac{14}{28}$	1	Exact	∞
49	$20 + \frac{16}{28}$	14	Exact	∞
50	21 + 9/15	15	Exact	∞
51	,	Pas de solu	tion	1
52		Pas de solu	tion	
	$31 + \frac{5}{28} + \frac{1}{15}$	23	53.00008	2605
	$52 + \frac{20}{28} + \frac{4}{15}$	39	53.00018	1104
	43 + 6/15 + 2/28	32	53.00033	604
	$21 + \frac{15}{28} + \frac{3}{15}$	16	53.00033	604
53	47 + 6/28 + 5/15	35	52.9995	396
	$33 + \frac{12}{28} + \frac{8}{15}$	25	53.00056	354
	36 + 19/28	27	53.00097	203
	$48 + \frac{16}{28} + \frac{5}{15}$	36	53.00097	203
	35 + 9/28	26	52.99899	196
54	$1 + \frac{5}{15}$	1	Exact	∞
55	$28 + \frac{12}{15}$	22	Exact	∞
56	$1 + \frac{8}{28}$	1	Exact	∞
57	. ,	Pas de solu	tion	I
	$45 + \frac{13}{28} + \frac{7}{15}$	37	58.0001	2095
	$52 + \frac{2}{28} + \frac{1}{15}$	42	57.99982	1189
	$29 + \frac{11}{28} + \frac{6}{15}$	24	58.00048	453
	$9 + \frac{13}{28} + \frac{7}{15}$	8	58.00048	453
	49 + 9/28 + 5/15	40	58.00048	453
58	32 + 4/28 + 2/15	26	57.99941	368
	48 + 6/28 + 3/15	39	57.99941	368
	$16 + \frac{2}{28} + \frac{1}{15}$	13	57.99941	368
	$53 + \frac{5}{28} + \frac{3}{15}$	43	58.0008	270
	$33 + \frac{7}{28} + \frac{4}{15}$	27	58.00099	218
	$44 + \frac{10}{28} + \frac{5}{15}$	36	57.99893	203

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$42 + \frac{8}{15} + \frac{5}{28}$	35	58.99994	3965
	$53 + \frac{12}{28} + \frac{4}{15}$	44	58.99965	623
	$13 + \frac{10}{28} + \frac{1}{15}$	11	58.99965	623
	$40 + \frac{3}{15} + \frac{2}{28}$	33	58.99965	623
	$26 + \frac{20}{28} + \frac{2}{15}$	22	58.99965	623
59	$15 + \frac{13}{28} + \frac{6}{15}$	13	59.00045	490
	47 + 11/28 + 3/15	39	59.00045	490
	34 + 2/15 + 1/28	28	59.00077	288
	48 + 9/15 + 6/28	40	58.99912	251
	$36 + \frac{7}{15} + \frac{4}{28}$	30	59.00104	212
60	1 + 3/15	1	Exact	∞
- 00	49 + 7/15 + 3/28	42	60.99995	4758
	$49 + \frac{1}{13} + \frac{3}{28}$ $44 + \frac{22}{28} + \frac{1}{15}$	38	61.00011	2152
	$57 + \frac{12}{15} + \frac{1}{28}$	49	61.00037	616
	$31 + \frac{15}{15} + \frac{1}{15}$	27	60.99963	611
	$35 + \frac{4}{28} + \frac{4}{15}$	30	61.00054	424
<i>C</i> 1				424
61	$17 + \frac{16}{28} + \frac{2}{15}$	15	61.00054	
	$41 + \frac{5}{28} + \frac{2}{15}$	35	60.99937	360
	$48 + \frac{11}{28}$	41	61.00074	309
	$55 + \frac{5}{15} + \frac{4}{28}$	47	60.99914	266
	43 + 9/15 + 2/28	37	61.00098	232
	56 + 9/28 + 5/15	48	61.00105	217
	40 + 7/15 + 5/28	35	61.99988	1982
	$26 + \frac{18}{28} + \frac{1}{15}$	23	62.00036	651
	$48 + \frac{10}{15} + \frac{3}{28}$	42	62.00049	475
	$13 + \frac{15}{28} + \frac{6}{15}$	12	61.99897	226
62	$32 + \frac{7}{28} + \frac{4}{15}$	28	61.99897	226
02	4+7/15+5/28	4	61.99897	226
	$41 + \frac{17}{28} + \frac{3}{15}$	36	61.99897	226
	$27 + \frac{12}{15} + \frac{2}{28}$	24	61.99897	226
	$17 + \frac{8}{28} + \frac{2}{15}$	15	62.00109	212
	$34 + \frac{16}{28} + \frac{4}{15}$	30	62.00109	212
63	1 + 4/28	1	Exact	∞
64	$6 + \frac{21}{28}$	6	Exact	∞
65	$28 + \frac{12}{15}$	26	Exact	∞
66	. ,	Pas de solu	tion	
	$34 + \frac{9}{28} + \frac{1}{15}$	32	66.99993	3625
	$40 + \frac{12}{15} + \frac{1}{28}$	38	67.00017	1435
	50 + 6/15 + 3/28	47	67.00042	591
	$55 + \frac{10}{15} + \frac{6}{28}$	52	66.99957	589
	$27 + \frac{17}{28} + \frac{5}{15}$	26	66.99957	589
67	$53 + \frac{13}{28} + \frac{4}{15}$	50	67.00049	514
07	$56 + \frac{23}{28} + \frac{2}{15}$	53	67.00043	461
	$24 + \frac{7}{28} + \frac{7}{15}$	23	66.99933	372
	$46 + \frac{4}{28} + \frac{1}{15}$	43	66.99918	304
	$42 + \frac{22}{28} + \frac{3}{15}$	40	66.999	251
60	$39 + \frac{12}{28} + \frac{5}{15}$	37	66.9988	209
68		Pas de solu	tion	
69	Pas de solution			

$ \begin{array}{ c c c c c } \hline 70 & Pas de solution \\ \hline \hline 70 & Pas de solution \\ \hline \hline $12+2/15+1/28$ & 12 & 70.9998 & 1359 \\ \hline $36+6/15+3/28$ & 36 & 70.9998 & 1359 \\ \hline $24+4/15+2/28$ & 24 & 70.9998 & 1359 \\ \hline $37+9/28+3/15$ & 37 & 70.99943 & 465 \\ \hline $37+9/28+3/15$ & 37 & 70.99943 & 465 \\ \hline $25+8/28+1/15$ & 25 & 70.99925 & 354 \\ \hline $38+15/28$ & 38 & 70.99907 & 287 \\ \hline $44+8/28+5/15$ & 44 & 71.00107 & 249 \\ \hline $33+13/28$ & 33 & 71.00107 & 249 \\ \hline $33+13/28$ & 33 & 71.00107 & 249 \\ \hline $43+8/15+2/28$ & 43 & 71.00142 & 187 \\ \hline \hline 72 & 1 & Exact & \infty \\ \hline \hline $44+7/28+2/15$ & 45 & 73.00038 & 728 \\ \hline $7+10/28+8/15$ & 8 & 72.9994 & 453 \\ \hline $35+6/15+3/28$ & 36 & 72.9994 & 453 \\ \hline $31+12/28+2/15$ & 32 & 72.9994 & 453 \\ \hline $31+12/28+2/15$ & 32 & 72.9994 & 453 \\ \hline $31+12/28+2/15$ & 32 & 72.9994 & 453 \\ \hline $31+12/28+2/15$ & 32 & 72.9994 & 453 \\ \hline $31+12/28+2/15$ & 32 & 72.9994 & 453 \\ \hline $31+12/28+2/15$ & 32 & 72.9994 & 453 \\ \hline $32+9/15+2/28$ & 24 & 72.9994 & 453 \\ \hline $15+20/28+1/15$ & 16 & 72.9994 & 453 \\ \hline $11+12/15+1/28$ & 12 & 72.9994 & 453 \\ \hline $11+12/15+1/28$ & 12 & 72.9994 & 453 \\ \hline $32+6/28+5/15$ & 33 & 73.00073 & 373 \\ \hline $28+15/28+1/15$ & 29 & 73.00092 & 298 \\ \hline $45+5/15+1/28$ & 46 & 73.00131 & 208 \\ \hline $19+11/28+1/15$ & 20 & 73.99976 & 1132 \\ \hline $38+22/28+2/15$ & 40 & 73.99976 & 1132 \\ \hline $41+16/28+4/15$ & 40 & 73.99976 & 1132 \\ \hline $41+16/28+4/15$ & 40 & 73.99976 & 1132 \\ \hline $41+16/28+4/15$ & 40 & 73.99936 & 434 \\ \hline $44+10/28+6/15$ & 46 & 73.99936 & 434 \\ \hline $44+10/28+6/15$ & 46 & 73.99936 & 434 \\ \hline $44+10/28+6/15$ & 46 & 73.99936 & 434 \\ \hline $44+10/28+6/15$ & 46 & 73.99936 & 434 \\ \hline $44+10/28+6/15$ & 46 & 73.99936 & 434 \\ \hline $44+10/28+6/15$ & 46 & 73.99936 & 434 \\ \hline $47+8/15+4/28$ & 49 & 73.9992 & 346 \\ \hline $40+13/28+6/15$ & 39 & 74.00138 & 200 \\ \hline \hline 75 & 9+9/15$ & 10 & Exact & \infty \\ \hline \hline 76 & Pas de solution \\ \hline \hline 77 & 20+16/28$ & 22 & Exact & \infty \\ \hline \hline 78 & Pas de solution \\ \hline \hline \end{tabular}$	Division	Manivelle Tours	Tours de	Divisions	~		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		et Divisions			Ø		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	70	Pas de solution					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$12 + \frac{2}{15} + \frac{1}{28}$	12	70.9998	1359		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$36 + \frac{6}{15} + \frac{3}{28}$	36	70.9998	1359		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$24 + \frac{4}{15} + \frac{2}{28}$	24	70.9998	1359		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		37 + 9/28 + 3/15	37	70.99943	465		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	71	$45 + \frac{14}{28} + \frac{2}{15}$	45	71.00073	364		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	/1	25 + 8/28 + 1/15	25	70.99925	354		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		38 + 15/28	38	70.99907	287		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		44 + 8/28 + 5/15	44	71.00107	249		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			33	71.00107	249		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		43 + 8/15 + 2/28	43	71.00142	187		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	72		1				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			45	73.00038	728		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$7 + \frac{10}{28} + \frac{8}{15}$	8	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$35 + \frac{6}{15} + \frac{3}{28}$	36	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$47 + \frac{4}{28} + \frac{3}{15}$	48	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$31 + \frac{12}{28} + \frac{2}{15}$	32	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$3 + \frac{19}{28} + \frac{4}{15}$	4	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	73	$23 + \frac{9}{15} + \frac{2}{28}$	24	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$19 + \frac{11}{28} + \frac{5}{15}$	20	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$15 + \frac{20}{28} + \frac{1}{15}$	16	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$11 + \frac{12}{15} + \frac{1}{28}$	12	72.9994	453		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			33	73.00073	373		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$28 + \frac{15}{28} + \frac{1}{15}$	29	73.00092	298		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		45 + 5/15 + 1/28	46	73.00131	208		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$19 + \frac{11}{28} + \frac{1}{15}$	20	73.99976	1132		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$38 + \frac{22}{28} + \frac{2}{15}$	40	73.99976	1132		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$41 + \frac{16}{28} + \frac{4}{15}$	43	73.99954	608		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$46 + \frac{10}{15} + \frac{1}{28}$	48	74.00051	543		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	7.4	$22 + \frac{5}{28} + \frac{3}{15}$	23	73.99936	434		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	/4	$44 + \frac{10}{28} + \frac{6}{15}$	46	73.99936	434		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		43 + 8/15 + 7/28	45	74.00076	364		
		$47 + \frac{8}{15} + \frac{4}{28}$	49	73.9992	346		
75 $9 + 9/15$ 10 Exact ∞ 76 Pas de solution 77 $20 + 16/28$ 22 $Exact$ ∞			42	74.00105	264		
75 $9 + 9/15$ 10 Exact ∞ 76 Pas de solution 77 $20 + 16/28$ 22 $Exact$ ∞		$37 + \frac{19}{28} + \frac{4}{15}$	39	74.00138	200		
77 $20 + \frac{16}{28}$ 22 Exact ∞	75		10	Exact	∞		
				tion			
78 Pas de solution		20 + 16/28			∞		
	78		Pas de solu	tion			

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	33 + 9/28 + 6/15	37	79.00021	1397
	$41 + \frac{24}{28} + \frac{1}{15}$	46	79.00045	651
	$20 + \frac{12}{28} + \frac{8}{15}$	23	79.00045	651
	$42 + \frac{12}{15} + \frac{1}{28}$	47	78.9995	591
	$34 + \frac{14}{28} + \frac{2}{15}$	38	78.99904	307
79	$17 + \frac{7}{28} + \frac{1}{15}$	19	78.99904	307
	$21 + \frac{17}{28} + \frac{4}{15}$	24	78.99858	209
	43 + 8/15 + 6/28	48	78.99858	209
	$16 + \frac{5}{15} + \frac{2}{28}$	18	79.00145	203
	32 + 10/15 + 4/28	36	79.00145	203
	24 + 17/28	27	79.00145	203
80	·	Pas de solu		
81	$5 + \frac{5}{15}$	6	Exact	∞
	$43 + \frac{13}{15} + \frac{1}{28}$	50	82.00011	2832
	$47 + \frac{6}{28} + \frac{3}{15}$	54	82.0006	509
	$15 + \frac{11}{15} + \frac{2}{28}$	18	82.0006	509
	$39 + \frac{5}{28} + \frac{5}{15}$	45	82.0006	509
82	$7 + \frac{13}{15} + \frac{1}{28}$	9	82.0006	509
82	$31 + \frac{7}{15} + \frac{4}{28}$	36	82.0006	509
	23 + 9/15 + 3/28	27	82.0006	509
	$44 + \frac{20}{28} + \frac{1}{15}$	51	81.99915	361
	$36 + \frac{19}{28} + \frac{3}{15}$	42	81.99884	264
	$46 + \frac{15}{28}$	53	82.00153	200
	$38 + \frac{2}{15} + \frac{1}{28}$	44	82.99919	383
	39 + 1/28	45	83.00091	339
	5 + 2/28 + 2/15	6	83.00091	339
	$20 + \frac{8}{28} + \frac{8}{15}$	24	83.00091	339
83	15 + 6/28 + 6/15	18	83.00091	339
	$10 + \frac{4}{28} + \frac{4}{15}$	12	83.00091	339
	$7 + \frac{17}{28} + \frac{3}{15}$	9	83.00091	339
	$2 + \frac{15}{28} + \frac{1}{15}$	3	83.00091	339
	$35 + \frac{14}{28} + \frac{1}{15}$	41	82.99906	331
	$32 + \frac{27}{28}$	38	82.99892	287
84	24/28	1	Exact	∞
85	$28 + \frac{12}{15}$	34	Exact	∞
	29 + 4/15 + 1/28	35	85.99984	1982
	45 + 4/28 + 1/15	54	85.99958	764
	22 + 8/15 + 2/28	27	85.99958	764
	$38 + \frac{5}{28} + \frac{5}{15}$	46	85.99938	521
86	$15 + \frac{12}{15} + \frac{3}{28}$	19	85.9991	358
	31 + 9/15 + 6/28	38	85.9991	358
	$37 + \frac{17}{28} + \frac{1}{15}$	45	86.00139	231
	$30 + \frac{18}{28} + \frac{5}{15}$	37	86.00154	209
	$43 + \frac{15}{28}$	52	85.99836	196
87		Pas de solu		
88	Pas de solution			

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
Vouru	$39 + \frac{8}{15} + \frac{3}{28}$	49	88.99994	5551
	$42 + \frac{11}{15} + \frac{4}{28}$	53	89.00044	750
	7 + 6/28 + 1/15	9	88.99935	509
	$36 + \frac{5}{15} + \frac{2}{28}$	45	88.99935	509
	$21 + \frac{18}{28} + \frac{3}{15}$	27	88.99935	509
	$14 + \frac{12}{28} + \frac{2}{15}$	18	88.99935	509
89	$17 + \frac{13}{28} + \frac{5}{15}$	22	89.00067	498
	$40 + \frac{7}{28} + \frac{3}{15}$	50	88.99876	269
	33 + 2/15 + 1/28	41	88.99864	244
	$25 + \frac{23}{28} + \frac{1}{15}$	32	88.99844	213
	$10 + \frac{7}{28} + \frac{4}{15}$	13	89.00158	210
	$42 + \frac{1}{15}$	52	89.00158	210
90	12/15	1	Exact	∞
91	$20 + \frac{16}{28}$	26	Exact	∞
92	20 + 19/28	Pas de solu		
93		Pas de solu		
93	49 + 11/00 + 4/55			2000
	$43 + \frac{11}{28} + \frac{4}{15}$	57 27	94.00011	3228
	$20 + \frac{7}{15} + \frac{6}{28}$		93.99954	764
	$22 + \frac{12}{15} + \frac{5}{28}$	30	94.00062	566
	$30 + \frac{16}{28} + \frac{1}{15}$	40	94.00062	566
	$7 + \frac{11}{28} + \frac{4}{15}$	10	94.00062	566
94	$33 + \frac{10}{15} + \frac{1}{28}$	44	93.99929	498
	$32 + \frac{15}{28} + \frac{6}{15}$	43	94.0013	270
	25 + 4/28 + 2/15	33	94.00151	233
	$31 + \frac{5}{15} + \frac{2}{28}$	41	93.99848	232
	$42 + \frac{25}{28}$	56	94.00167	211
	$18 + \frac{7}{28} + \frac{2}{15}$	24	93.99819	194
	$36 + \frac{14}{28} + \frac{4}{15}$	48	93.99819	194
95	$28 + \frac{12}{15}$	38	Exact	∞
96	21/28	1	Exact	∞
	$5 + \frac{13}{15} + \frac{2}{28}$	8	97.0008	453
	$2 + \frac{14}{15} + \frac{1}{28}$	4	97.0008	453
	$35 + \frac{12}{28} + \frac{3}{15}$	48	97.0008	453
	$38 + \frac{13}{28} + \frac{2}{15}$	52	97.0008	453
	$26 + \frac{9}{28} + \frac{6}{15}$	36	97.0008	453
	$32 + \frac{11}{28} + \frac{4}{15}$	44	97.0008	453
	$23 + \frac{8}{28} + \frac{7}{15}$	32	97.0008	453
97	$29 + \frac{10}{28} + \frac{5}{15}$	40	97.0008	453
0.	$20 + \frac{8}{15} + \frac{7}{28}$	28	97.0008	453
	$17 + \frac{9}{15} + \frac{6}{28}$	24	97.0008	453
	$14 + \frac{10}{15} + \frac{5}{28}$	20	97.0008	453
	$11 + \frac{11}{15} + \frac{4}{28}$	16	97.0008	453
	$8 + \frac{12}{15} + \frac{3}{28}$	12	97.0008	453
	$27 + \frac{13}{28}$	37	96.9987	279
	$24 + \frac{12}{28} + \frac{1}{15}$	33	96.99844	233
	$21 + \frac{11}{28} + \frac{2}{15}$	29	96.99812	193
98	$15 + \frac{12}{28}$	21	Exact	∞
99	,	Pas de solu	tion	
100	$10 + \frac{12}{15}$	15	Exact	∞
100	10 7 -2/10	10	Dauci	

Division	Manivelle Tours	Tours de	Divisions	ø
Voulu	et Divisions	la Piece	Reels	
	$22 + \frac{19}{28} + \frac{2}{15}$	32	100.9999	3625
	$29 + \frac{17}{28} + \frac{5}{15}$	42	101.0004	951
101	$34 + \frac{13}{28} + \frac{7}{15}$	49	100.9993	504
101	$27 + \frac{15}{28} + \frac{4}{15}$	39	100.9985	259
	$24 + \frac{21}{28} + \frac{3}{15}$	35	101.002	188
	$17 + \frac{23}{28}$	25	101.002	188
102	,	Pas de solu	tion	
	37 + 8/15 + 6/28	54	102.9999	3058
	$18 + \frac{17}{28} + \frac{4}{15}$	27	102.9999	3058
	30 + 10/28 + 6/15	44	103.0005	830
	$15 + \frac{5}{28} + \frac{3}{15}$	22	103.0005	830
	22 + 5/15 + 1/28	32	102.9995	725
109	42 + 8/15 + 3/28	61	103.0007	531
103	$25 + \frac{13}{28} + \frac{6}{15}$	37	102.9992	465
	32 + 9/28 + 8/15	47	102.9988	313
	$23 + \frac{14}{28} + \frac{4}{15}$	34	103.0014	275
	$35 + \frac{7}{28} + \frac{6}{15}$	51	103.0014	275
	$11 + \frac{21}{28} + \frac{2}{15}$	17	103.0014	275
	$39 + \frac{10}{15} + \frac{5}{28}$	57	102.9985	258
104	, , , ,	Pas de solu	tion	
105		Pas de solu		
	$31 + \frac{5}{28} + \frac{1}{15}$	46	106.0002	2605
	26 + 10/28 + 2/15	39	106.0004	1104
	$21 + \frac{15}{28} + \frac{3}{15}$	32	106.0007	604
	38 + 7/28 + 7/15	57	106.0009	461
106	23 + 10/15 + 3/28	35	105.999	396
	33 + 12/28 + 8/15	50	106.0011	354
	$16 + \frac{20}{28} + \frac{4}{15}$	25	106.0011	354
	$36 + \frac{19}{28}$	54	106.0019	203
	35 + 9/28	52	105.998	196
	$40 + \frac{4}{15} + \frac{3}{28}$	60	107.0001	6797
	$22 + \frac{19}{28} + \frac{3}{15}$	34	106.9997	1283
	8 + 8/15 + 6/28	13	107.0005	736
	$34 + \frac{24}{28} + \frac{2}{15}$	52	107.0005	736
	$17 + \frac{12}{28} + \frac{1}{15}$	26	107.0005	736
107	$33 + \frac{7}{15} + \frac{5}{28}$	50	106.9988	333
	29 + 17/28	44	107.0012	332
	$20 + \frac{11}{28} + \frac{7}{15}$	31	107.0015	270
	32 + 16/28 + 6/15	49	107.0017	231
	30 + 6/28 + 1/15	45	106.998	196
108	10/15	1	Exact	∞
	/	_		

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
	$38 + \frac{5}{28} + \frac{2}{15}$	58	109.0001	6571
	$24 + \frac{5}{15} + \frac{3}{28}$	37	108.9995	838
	$19 + \frac{21}{28} + \frac{1}{15}$	30	108.9992	485
	$39 + \frac{14}{28} + \frac{2}{15}$	60	108.9992	485
	$18 + \frac{12}{28} + \frac{1}{15}$	28	109.001	396
109	$4 + \frac{10}{28} + \frac{4}{15}$	7	109.001	396
	27 + 9/15 + 4/28	42	109.001	396
	$36 + \frac{24}{28} + \frac{2}{15}$	56	109.001	396
	$13 + \frac{12}{15} + \frac{2}{28}$	21	109.001	396
	$25 + \frac{12}{28} + \frac{5}{15}$	39	108.9982	220
	$35 + \frac{15}{28} + \frac{2}{15}$	54	109.0021	197
110	21 + 9/15	33	Exact	∞
111		Pas de solu		
112	18/28	1	Exact	∞
	$37 + \frac{11}{28} + \frac{3}{15}$	59	113.0002	2228
	$22 + \frac{13}{15} + \frac{2}{28}$	36	112.9998	2039
	$14 + \frac{9}{28} + \frac{5}{15}$	23	113.0008	521
	$19 + \frac{8}{28} + \frac{7}{15}$	31	112.999	439
	$32 + \frac{12}{28} + \frac{1}{15}$	51	113.0012	361
113	28 + 1/28	44	112.9987	332
115	$17 + \frac{11}{15} + \frac{3}{28}$	28	113.0015	288
	$35 + \frac{7}{15} + \frac{6}{28}$	56	113.0015	288
	$38 + \frac{13}{15}$	61	113.0017	246
	33 + 2/15	52	112.998	210
	$16 + \frac{14}{28} + \frac{1}{15}$	26	112.998	210
	24 + 9/15 + 7/28	39	112.998	210
114		Pas de solu		
115	$28 + \frac{12}{15}$	46	Exact	∞
116		Pas de solu		
117		Pas de solu		
	$13 + \frac{10}{28} + \frac{1}{15}$	22	117.9993	623
	$26 + \frac{20}{28} + \frac{2}{15}$	44	117.9993	623
	$6 + \frac{8}{15} + \frac{5}{28}$	11	117.9993	623
118	$15 + \frac{13}{28} + \frac{6}{15}$	26	118.0009	490
	$34 + \frac{2}{15} + \frac{1}{28}$	56	118.0015	288
	$36 + \frac{7}{15} + \frac{4}{28}$	60	118.0021	212
	$17 + \frac{12}{28} + \frac{4}{15}$	29	117.9978	205
119	$20 + \frac{16}{28}$	34	Exact	∞
120	9/15	1	Exact	∞

Division	Manivelle Tours	Tours de	Divisions	
Voulu	et Divisions	la Piece	Reels	Ø
Vouru	$28 + \frac{12}{28} + \frac{2}{15}$	48	121.0003	1359
	$35 + \frac{12}{28} + \frac{2}{15}$	60	121.0003	1359
		24		
	$14 + \frac{6}{28} + \frac{1}{15}$	62	121.0003	1359
	$36 + \frac{25}{28}$	-	120.999	468
101	$35 + \frac{3}{28}$	59	121.001	445
121	$27 + \frac{14}{28} + \frac{7}{15}$	47	121.0012	380
	$14 + \frac{11}{15} + \frac{4}{28}$	25	120.9987	354
	29 + 8/28 + 7/15	50	120.9987	354
	$34 + \frac{5}{28} + \frac{5}{15}$	58	121.0017	262
	30 + 6/28 + 2/15	51	120.998	222
	$13 + \frac{8}{28} + \frac{6}{15}$	23	121.0021	217
	$13 + \frac{7}{15} + \frac{3}{28}$	23	121.9996	1302
	$31 + \frac{15}{28} + \frac{5}{15}$	54	121.9993	611
	$17 + \frac{16}{28} + \frac{2}{15}$	30	122.0011	424
	35 + 4/28 + 4/15	60	122.0011	424
122	$26 + \frac{10}{28} + \frac{3}{15}$	45	122.0011	424
122	$8 + \frac{22}{28} + \frac{1}{15}$	15	122.0011	424
	$27 + \frac{10}{15} + \frac{2}{28}$	47	121.9983	266
	$32 + \frac{11}{28} + \frac{1}{15}$	55	121.9981	239
	$21 + \frac{12}{15} + \frac{1}{28}$	37	122.002	232
	34 + 8/28 + 8/15	59	122.0022	208
123		Pas de solu		
124		Pas de solu		
125	$28 + \frac{12}{15}$	50	Exact	∞
126	16/28	1	Exact	∞
	$15 + \frac{3}{28} + \frac{3}{15}$	27	126.9995	1019
	20 + 4/28 + 4/15	36	126.9995	1019
	30 + 6/28 + 6/15	54	126.9995	1019
	$35 + \frac{7}{128} + \frac{7}{15}$	63	126.9995	1019
	$10 + \frac{2}{28} + \frac{2}{15}$	18	126.9995	1019
	$25 + \frac{5}{28} + \frac{5}{15}$	45	126.9995	1019
	$5 + \frac{1}{28} + \frac{1}{15}$	9	126.9995	1019
127	$20 + \frac{18}{28} + \frac{5}{15}$	37	127.0011	419
	$36 + \frac{9}{15} + \frac{7}{28}$	65	127.0014	350
	31 + 8/15 + 6/28	56	127.0016	288
	$15 + \frac{17}{28} + \frac{4}{15}$	28	127.0016	288
	24 + 19/28 + 4/15	44	126.9982	262
	26 + 7/15 + 5/28	47	127.0021	231
	$19 + \frac{18}{28} + \frac{3}{15}$	35	126.9978	220
	34 + 7/28 + 5/15	61	126.9976	197
	0-1 /20 1 /10	U		10,