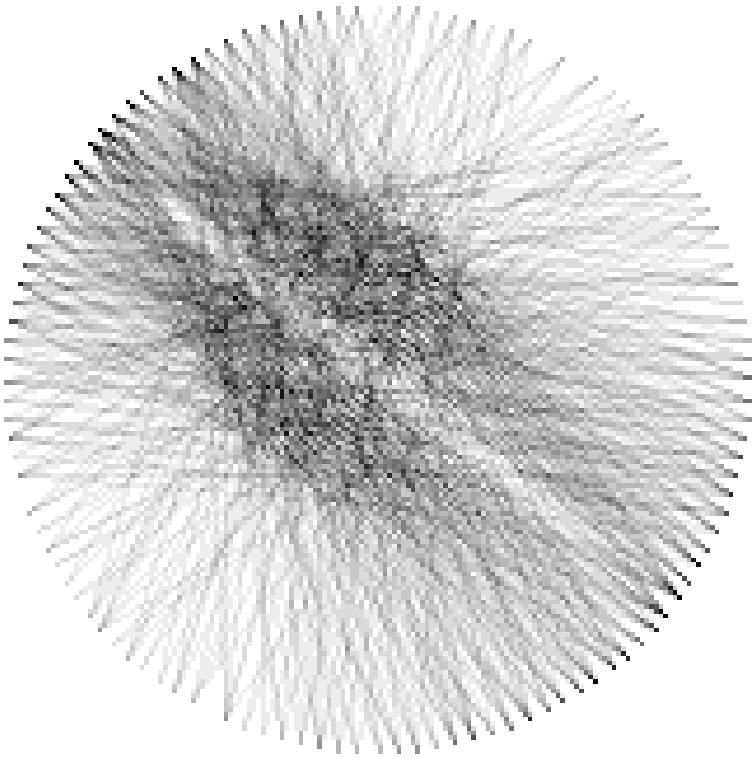
THREADARC

Silver leaf

120 pins / 300 mm circle / 442 connections



Black thread on a white board

1. Print the following pin tiles at 100% / Actual Size. Disable Fit to page. Measure the 50 mm calibration line before joining tiles. Trim the tile borders and join matching row/column edges.

2. Pin 1 is at 12 o'clock. Numbers increase clockwise. Place pins at the black dots. Use the full-circle SVG for a large-format printer if preferred.

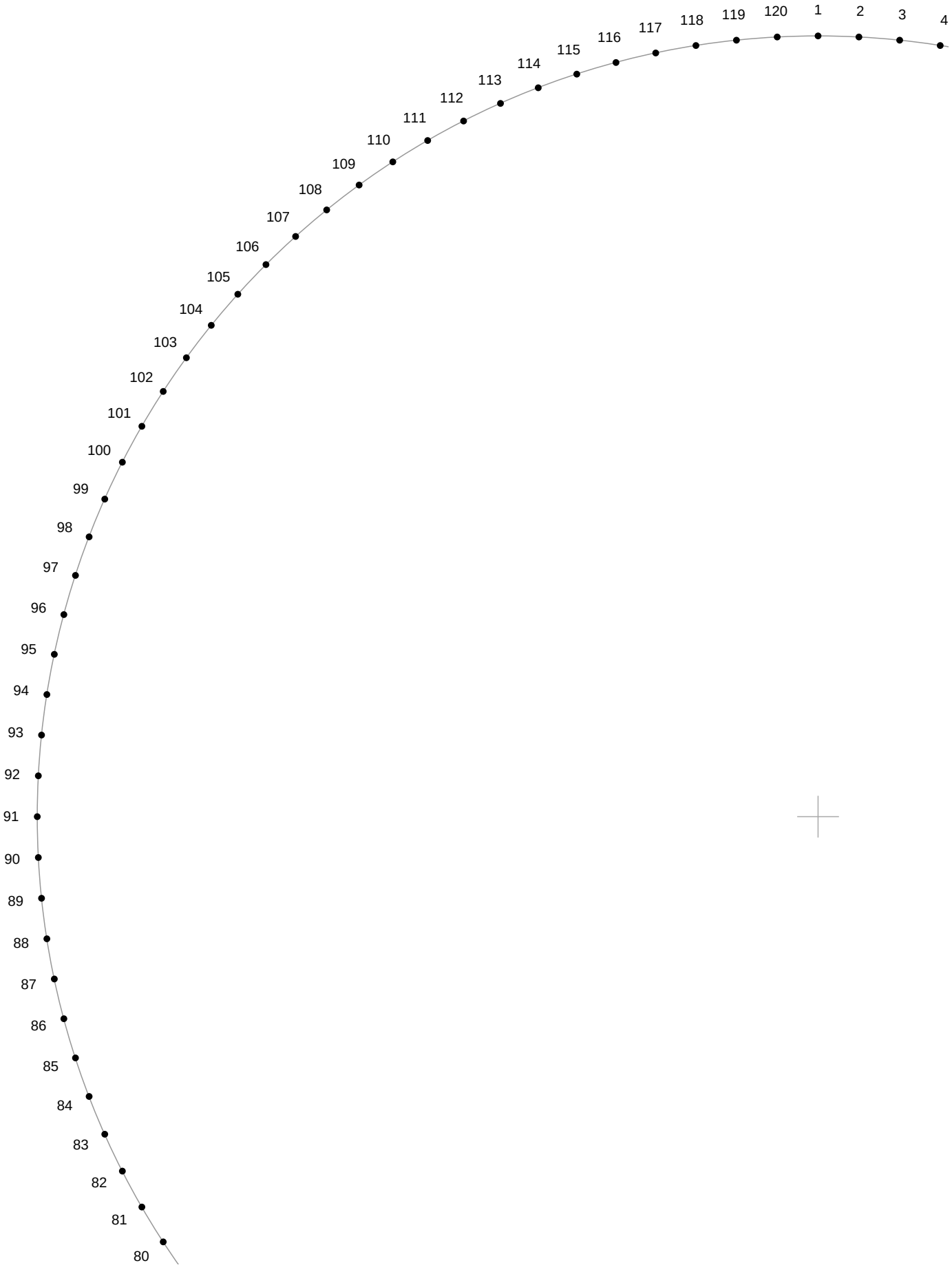
3. Tie to pin 1. Follow the numbered sequence continuously; each destination becomes the next starting pin. Mark completed steps in the app and resume later. Tie off after the last connection.

Straight-line thread estimate: 128.6 m. Add extra for wraps, knots and tension. Preview is a geometric approximation; actual thread and photo detail affect results.

Pin template - row 1/2, column 1/2

100% / Actual Size. Each tile: 193.07 x 253.96 mm.

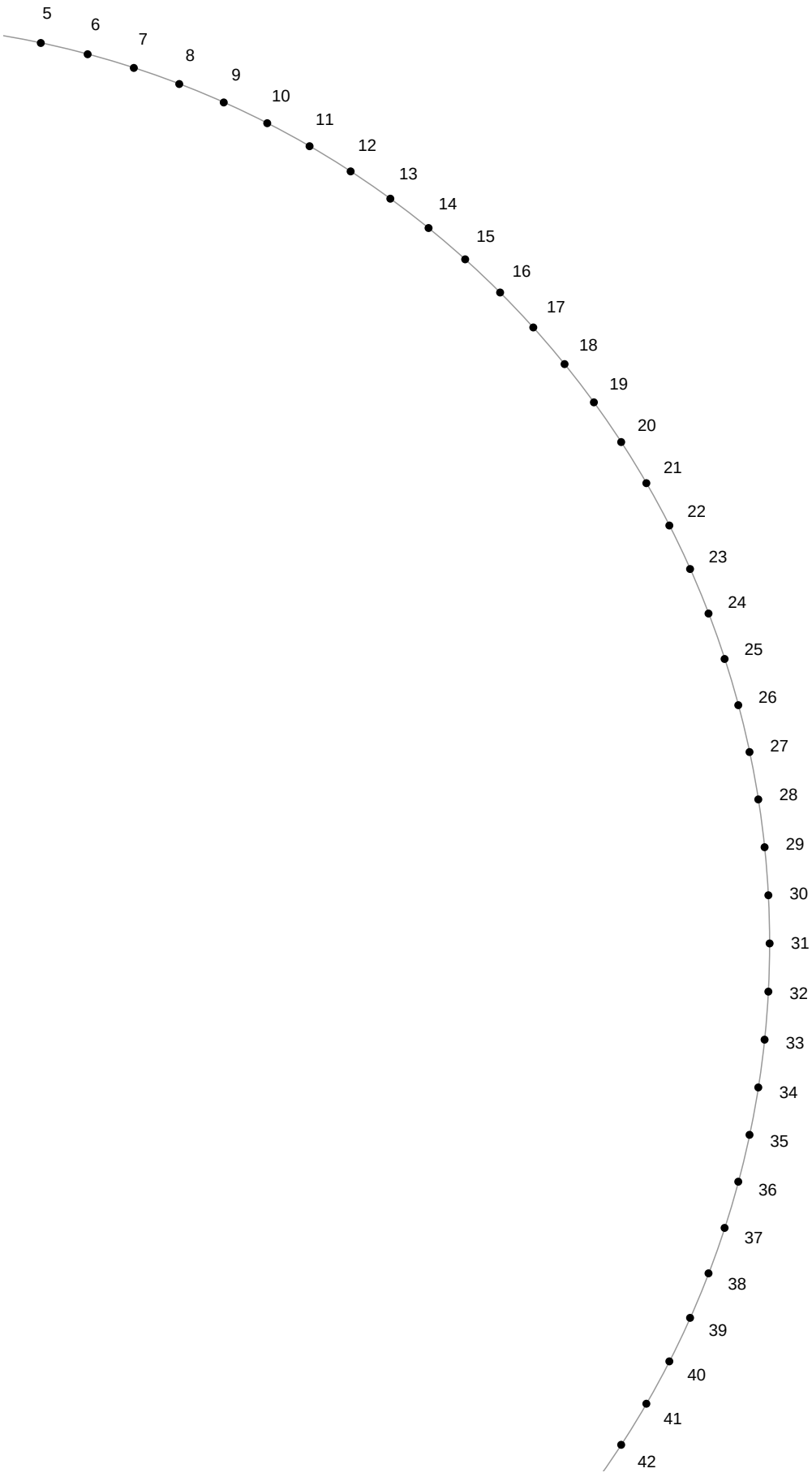
This line must measure exactly 50 mm.



Pin template - row 1/2, column 2/2

100% / Actual Size. Each tile: 193.07 x 253.96 mm.

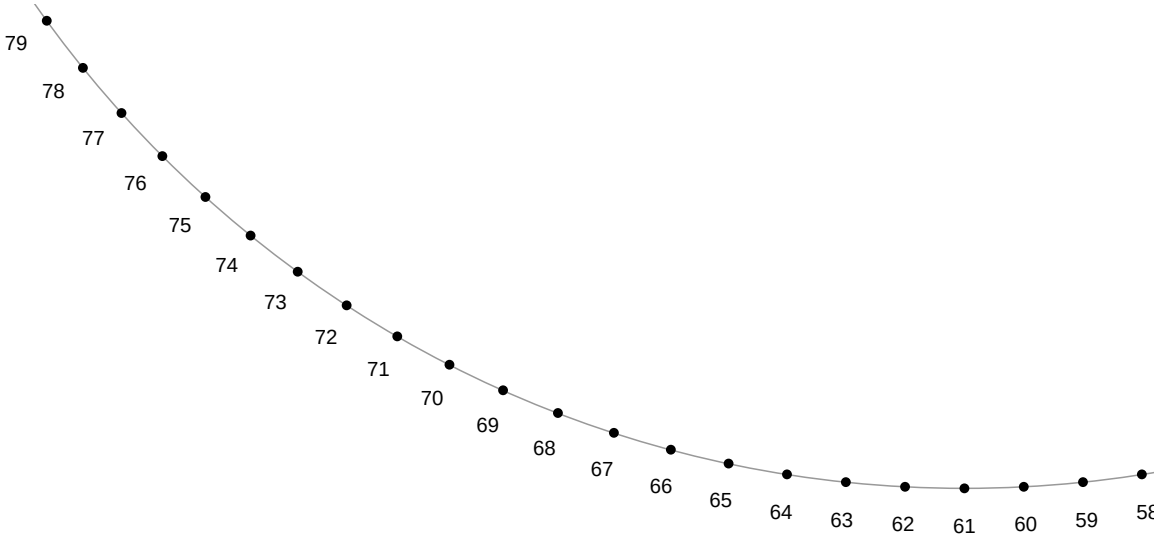
This line must measure exactly 50 mm.



Pin template - row 2/2, column 1/2

100% / Actual Size. Each tile: 193.07 x 253.96 mm.

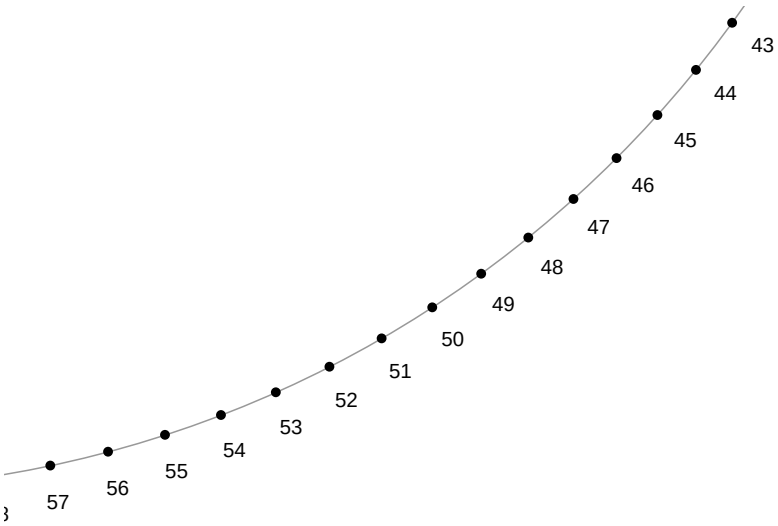
This line must measure exactly 50 mm.



Pin template - row 2/2, column 2/2

100% / Actual Size. Each tile: 193.07 x 253.96 mm.

This line must measure exactly 50 mm.



Thread sequence - steps 1-180

Read down each column, then move right. Pin 1 is at the top; clockwise numbering.

1: 1 > 72
2: 72 > 117
3: 117 > 58
4: 58 > 109
5: 109 > 42
6: 42 > 106
7: 106 > 43
8: 43 > 105
9: 105 > 39
10: 39 > 107
11: 107 > 42
12: 42 > 105
13: 105 > 41
14: 41 > 107
15: 107 > 40
16: 40 > 106
17: 106 > 41
18: 41 > 108
19: 108 > 43
20: 43 > 99
21: 99 > 45
22: 45 > 103
23: 103 > 50
24: 50 > 104
25: 104 > 47
26: 47 > 103
27: 103 > 46
28: 46 > 101
29: 101 > 44
30: 44 > 102
31: 102 > 48
32: 48 > 104
33: 104 > 49
34: 49 > 102
35: 102 > 45
36: 45 > 100
37: 100 > 47
38: 47 > 102
39: 102 > 51
40: 51 > 104
41: 104 > 35
42: 35 > 106
43: 106 > 38
44: 38 > 104
45: 104 > 37
46: 37 > 105
47: 105 > 54
48: 54 > 104
49: 104 > 39
50: 39 > 109
51: 109 > 41
52: 41 > 110
53: 110 > 42
54: 42 > 108
55: 108 > 38
56: 38 > 105
57: 105 > 34
58: 34 > 106
59: 106 > 36
60: 36 > 108
61: 108 > 44
62: 44 > 103
63: 103 > 49
64: 49 > 101
65: 101 > 51
66: 51 > 103
67: 103 > 48
68: 48 > 101
69: 101 > 52
70: 52 > 104
71: 104 > 46
72: 46 > 102
73: 102 > 53
74: 53 > 105
75: 105 > 43
76: 43 > 107
77: 107 > 35
78: 35 > 105
79: 105 > 40
80: 40 > 111
81: 111 > 44
82: 44 > 100
83: 100 > 50
84: 50 > 102
85: 102 > 54
86: 54 > 111
87: 111 > 43
88: 43 > 109
89: 109 > 44
90: 44 > 98
91: 98 > 45
92: 45 > 101
93: 101 > 47
94: 47 > 99
95: 99 > 28
96: 28 > 96
97: 96 > 29
98: 29 > 97
99: 97 > 46
100: 46 > 100
101: 100 > 51
102: 51 > 105
103: 105 > 55
104: 55 > 104
105: 104 > 40
106: 40 > 108
107: 108 > 39
108: 39 > 111
109: 111 > 49
110: 49 > 105
111: 105 > 36
112: 36 > 104
113: 104 > 56
114: 56 > 109
115: 109 > 37
116: 37 > 106
117: 106 > 33
118: 33 > 104
119: 104 > 31
120: 31 > 93
121: 93 > 34
122: 34 > 107
123: 107 > 50
124: 50 > 110
125: 110 > 44
126: 44 > 103
127: 103 > 52
128: 52 > 105
129: 105 > 57
130: 57 > 112
131: 112 > 40
132: 40 > 110
133: 110 > 60
134: 60 > 111
135: 111 > 47
136: 47 > 104
137: 104 > 41
138: 41 > 105
139: 105 > 31
140: 31 > 95
141: 95 > 32
142: 32 > 94
143: 94 > 43
144: 43 > 112
145: 112 > 44
146: 44 > 99
147: 99 > 48
148: 48 > 98
149: 98 > 27
150: 27 > 99
151: 99 > 49
152: 49 > 114
153: 114 > 52
154: 52 > 109
155: 109 > 54
156: 54 > 113
157: 113 > 42
158: 42 > 105
159: 105 > 32
160: 32 > 91
161: 91 > 23
162: 23 > 99
163: 99 > 46
164: 46 > 96
165: 96 > 30
166: 30 > 97
167: 97 > 26
168: 26 > 100
169: 100 > 48
170: 48 > 111
171: 111 > 58
172: 58 > 104
173: 104 > 53
174: 53 > 113
175: 113 > 59
176: 59 > 106
177: 106 > 39
178: 39 > 110
179: 110 > 62
180: 62 > 116

Thread sequence - steps 181-360

Read down each column, then move right. Pin 1 is at the top; clockwise numbering.

181: 116 > 57
182: 57 > 104
183: 104 > 26
184: 26 > 101
185: 101 > 43
186: 43 > 95
187: 95 > 28
188: 28 > 98
189: 98 > 50
190: 50 > 114
191: 114 > 44
192: 44 > 94
193: 94 > 37
194: 37 > 111
195: 111 > 64
196: 64 > 118
197: 118 > 56
198: 56 > 105
199: 105 > 30
200: 30 > 93
201: 93 > 20
202: 20 > 84
203: 84 > 9
204: 9 > 78
205: 78 > 5
206: 5 > 71
207: 71 > 120
208: 120 > 55
209: 55 > 110
210: 110 > 38
211: 38 > 92
212: 92 > 33
213: 33 > 97
214: 97 > 45
215: 45 > 103
216: 103 > 32
217: 32 > 88
218: 88 > 11
219: 11 > 86
220: 86 > 19
221: 19 > 94
222: 94 > 31
223: 31 > 106
224: 106 > 43
225: 43 > 110
226: 110 > 49
227: 49 > 96
228: 96 > 43
229: 43 > 115
230: 115 > 65
231: 65 > 110
232: 110 > 36
233: 36 > 91
234: 91 > 35
235: 35 > 96
236: 96 > 47
237: 47 > 113
238: 113 > 57
239: 57 > 110
240: 110 > 51
241: 51 > 107
242: 107 > 32
243: 32 > 104
244: 104 > 34
245: 34 > 92
246: 92 > 45
247: 45 > 113
248: 113 > 41
249: 41 > 112
250: 112 > 61
251: 61 > 106
252: 106 > 57
253: 57 > 118
254: 118 > 75
255: 75 > 3
256: 3 > 69
257: 69 > 4
258: 4 > 65
259: 65 > 6
260: 6 > 66
261: 66 > 111
262: 111 > 53
263: 53 > 100
264: 100 > 43
265: 43 > 98
266: 98 > 37
267: 37 > 89
268: 89 > 16
269: 16 > 95
270: 95 > 18
271: 18 > 90
272: 90 > 36
273: 36 > 93
274: 93 > 44
275: 44 > 115
276: 115 > 56
277: 56 > 114
278: 114 > 64
279: 64 > 5
280: 5 > 77
281: 77 > 120
282: 120 > 53
283: 53 > 118
284: 118 > 50
285: 50 > 101
286: 101 > 21
287: 21 > 82
288: 82 > 13
289: 13 > 80
290: 80 > 3
291: 3 > 68
292: 68 > 8
293: 8 > 72
294: 72 > 2
295: 2 > 82
296: 82 > 22
297: 22 > 102
298: 102 > 24
299: 24 > 99
300: 99 > 40
301: 40 > 92
302: 92 > 25
303: 25 > 101
304: 101 > 37
305: 37 > 88
306: 88 > 38
307: 38 > 87
308: 87 > 17
309: 17 > 96
310: 96 > 44
311: 44 > 107
312: 107 > 37
313: 37 > 110
314: 110 > 61
315: 61 > 116
316: 116 > 54
317: 54 > 110
318: 110 > 66
319: 66 > 119
320: 119 > 60
321: 60 > 105
322: 105 > 29
323: 29 > 95
324: 95 > 47
325: 47 > 110
326: 110 > 45
327: 45 > 94
328: 94 > 22
329: 22 > 79
330: 79 > 16
331: 16 > 83
332: 83 > 19
333: 19 > 101
334: 101 > 53
335: 53 > 114
336: 114 > 43
337: 43 > 116
338: 116 > 44
339: 44 > 102
340: 102 > 55
341: 55 > 103
342: 103 > 34
343: 34 > 100
344: 100 > 38
345: 38 > 89
346: 89 > 35
347: 35 > 90
348: 90 > 14
349: 14 > 75
350: 75 > 6
351: 6 > 73
352: 73 > 117
353: 117 > 52
354: 52 > 115
355: 115 > 67
356: 67 > 7
357: 7 > 74
358: 74 > 11
359: 11 > 77
360: 77 > 2

Thread sequence - steps 361-442

Read down each column, then move right. Pin 1 is at the top; clockwise numbering.

361: 2 > 63
362: 63 > 8
363: 8 > 62
364: 62 > 107
365: 107 > 56
366: 56 > 102
367: 102 > 23
368: 23 > 97
369: 97 > 44
370: 44 > 113
371: 113 > 43
372: 43 > 117
373: 117 > 69
374: 69 > 113
375: 113 > 63
376: 63 > 111
377: 111 > 41
378: 41 > 88
379: 88 > 13
380: 13 > 84
381: 84 > 18
382: 18 > 98
383: 98 > 26
384: 26 > 96
385: 96 > 48
386: 48 > 119
387: 119 > 51
388: 51 > 111
389: 111 > 59
390: 59 > 109
391: 109 > 64
392: 64 > 9
393: 9 > 71
394: 71 > 15
395: 15 > 88
396: 88 > 6
397: 6 > 59
398: 59 > 116
399: 116 > 49
400: 49 > 108
401: 108 > 43
402: 43 > 97
403: 97 > 31
404: 31 > 103
405: 103 > 53
406: 53 > 107
407: 107 > 33
408: 33 > 91
409: 91 > 21
410: 21 > 102
411: 102 > 35
412: 35 > 110
413: 110 > 48
414: 48 > 117
415: 117 > 56
416: 56 > 112
417: 112 > 42
418: 42 > 111
419: 111 > 69
420: 69 > 16
421: 16 > 77
422: 77 > 25
423: 25 > 86
424: 86 > 39
425: 39 > 94
426: 94 > 30
427: 30 > 106
428: 106 > 60
429: 60 > 104
430: 104 > 49
431: 49 > 120
432: 120 > 78
433: 78 > 115
434: 115 > 41
435: 41 > 101
436: 101 > 36
437: 36 > 86
438: 86 > 17
439: 17 > 76
440: 76 > 23
441: 23 > 81
442: 81 > 20