

Table AlgoECD

Solution Details - End Corner Dash Algorithms

Algorithm Number	No. of Solutions		No. of Semi C.D.	No. of S.C.D. Solutions	
	Total	Original		Total	Original
Set : 2 (d) Starting Cell "b8", Ending Cell "a6"					
End Dash b6 = 61, a8 = 62, c7 = 63, a6 = 64					
1	1,161	269	Nil	Nil	Nil
2	1,575	773	2	6,622	2,339
3	3,572	1,385	2	4,733	0
4	872	321	2	1,449	352
5	2,597	692	8	20,689	723
6	980	273	8	10,625	1,233
7	361	63	8	2,621	218
8	946	74	26	27,988	361
Sub-Total	12,064	3,850	56	74,727	5,226
Set : 2 (e) Starting Cell "b8", Ending Cell "d7"					
End Dash c7 = 61, a8 = 62, b6 = 63, d7 = 64					
9	6,601	4,090	Nil	Nil	Nil
10	4,309	1,363	2	8,287	241
11	987	486	2	3,104	0
12	1,864	1,460	2	5,592	577
13	945	428	8	7,777	59
14	923	397	8	11,633	321
15	475	256	8	5,041	411
16	472	198	26	13,062	229
Sub-Total	16,576	8,678	56	54,496	1,838
Total - 2	28,640	12,528	112	129,223	7,064
Set : 3 (e) Starting Cell "c8", Ending Cell "d6"					
End Dash g6 = 61, h8 = 62, f7 = 63, d6 = 64					
17	2,361	140	Nil	Nil	Nil
18	1,274	687	2	4,112	300
19	530	217	2	1,117	132
20	1,266	100	2	1,516	20
21	426	273	8	6,703	429
22	1,276	343	8	10,867	98
23	343	92	8	3,068	122
24	522	80	26	17,775	210
Sub-Total	7,998	1,932	56	45,158	1,311
Set : 3 (f) Starting Cell "c8", Ending Cell "e7"					
End Dash f7 = 61, h8 = 62, g6 = 63, e7 = 64					
25	484	17	Nil	Nil	Nil
26	2,168	1,346	2	3,875	83
27	774	263	2	1,509	143
28	931	84	2	1,149	23
29	286	120	8	3,974	264
30	1,501	335	8	9,730	281
31	389	47	8	3,516	157
32	361	25	26	9,811	154
Sub-Total	6,894	2,237	56	33,564	1,105
Total - 3	14,892	4,169	112	78,722	2,416
Set : 4 (e) Starting Cell "d8", Ending Cell "e6"					
End Dash b6 = 61, a8 = 62, c7 = 63, e6 = 64					
33	1,851	1,023	Nil	Nil	Nil
34	1,771	900	2	3,165	443
35	1,851	0	2	3,702	0
36	609	255	2	1,431	275
37	2,095	96	8	15,003	302

38	1,444	581	8	8,566	759
39	609	0	8	5,511	0
40	988	37	26	24,388	127
Sub-Total	11,218	2,892	56	61,766	1,906
Total - 4	11,218	2,892	56	61,766	1,906
Set : 5 (e) Starting Cell "b7", Ending Cell "a5"					
End Dash c2 = 61, a1 = 62, b3 = 63, a5 = 64					
41	4,185	813	Nil	Nil	Nil
42	2,623	416	2	4,873	186
43	4,185	0	2	8,370	0
44	3,129	768	2	6,510	646
45	2,623	0	8	19,865	0
46	2,234	86	8	15,906	303
47	3,129	0	8	25,788	0
48	2,234	0	26	52,186	0
Sub-Total	24,342	2,083	56	133,498	1,135
Set : 5 (f) Starting Cell "b7", Ending Cell "c5"					
End Dash c2 = 61, a1 = 62, b3 = 63, c5 = 64					
49	4,540	2,918	Nil	Nil	Nil
50	3,125	1,894	2	6,705	538
51	3,092	389	2	6,341	638
52	3,766	1,745	2	7,244	1,088
53	1,386	36	8	13,230	138
54	1,768	150	8	17,721	636
55	2,468	81	8	18,140	463
56	957	9	26	31,373	51
Sub-Total	21,102	7,222	56	100,754	3,552
Set : 5 (g) Starting Cell "b7", Ending Cell "d6"					
End Dash g6 = 61, h8 = 62, f7 = 63, d6 = 64					
57	4,540	0	Nil	Nil	Nil
58	3,125	0	2	6,705	0
59	3,092	0	2	6,341	0
60	3,766	0	2	7,244	0
61	1,386	0	8	13,230	0
62	1,768	0	8	17,721	0
63	2,468	0	8	18,140	0
64	957	0	26	31,373	0
Sub-Total	21,102	0	56	100,754	0
Set : 5 (h) Starting Cell "b7", Ending Cell "d8"					
End Dash g6 = 61, h8 = 62, f7 = 63, d8 = 64					
65	4,185	0	Nil	Nil	Nil
66	2,623	0	2	4,873	0
67	4,185	0	2	8,370	0
68	3,129	0	2	6,510	0
69	2,623	0	8	19,865	0
70	2,234	0	8	15,906	0
71	3,129	0	8	25,788	0
72	2,234	0	26	52,186	0
Sub-Total	24,342	0	56	133,498	0
Total - 5	90,888	9,305	224	468,504	4,687
Set : 7 (g) Starting Cell "d7", Ending Cell "c5"					
End Dash c2 = 61, a1 = 62, b3 = 63, c5 = 64					
73	4,316	1,789	Nil	Nil	Nil
74	1,182	584	2	3,914	0
75	1,267	219	2	2,944	144
76	3,200	495	2	6,487	27
77	622	293	8	5,492	165

78	422	19	8	9,713	194
79	1,194	91	8	9,989	111
80	310	15	26	14,022	67
Sub-Total	12,513	3,505	56	52,561	708
Set : 7 (h) Starting Cell "d7", Ending Cell "e5"					
End Dash f7 = 61, h8 = 62, g6 = 63, e5 = 64					
81	8,138	8,138 *	Nil	Nil	Nil
82	1,279	1,279 *	2	2,991	1,712 *
83	1,694	1,694 *	2	3,999	3,999 *
84	4,076	4,076 *	2	8,520	8,520 *
85	917	917 *	8	6,200	3,848 *
86	481	481 *	8	7,147	3,939 *
87	1,065	1,065 *	8	12,765	12,765 *
88	245	245 *	26	12,214	9,164 *
Sub-Total	17,895	17,895 *	56	53,836	43,947 *
Set : 7 (i) Starting Cell "d7", Ending Cell "e5"					
End Dash g6 = 61, h8 = 62, f7 = 63, e5 = 64					
89	7,446	7,446 *	Nil	Nil	Nil
90	1,762	1,762 *	2	4,505	2,743 *
91	2,971	2,971 *	2	5,126	5,126 *
92	4,878	4,878 *	2	9,541	9,541 *
93	1,150	1,150 *	8	9,541	6,278 *
94	647	647 *	8	10,953	6,198 *
95	1,817	1,817 *	8	16,292	16,292 *
96	317	317 *	26	18,314	14,718 *
Sub-Total	20,988	20,988 *	56	74,272	60,896 *
Set : 7 (j) Starting Cell "d7", Ending Cell "f8"					
End Dash f7 = 61, h8 = 62, g6 = 63, f8 = 64					
97	8,140	8,140 *	Nil	Nil	Nil
98	3,038	3,038 *	2	5,993	2,955 *
99	2,491	2,491 *	2	5,154	5,154 *
100	6,556	6,556 *	2	12,555	12,555 *
101	1,618	1,618 *	8	11,365	6,443 *
102	1,970	1,970 *	8	17,819	9,106 *
103	1,395	1,395 *	8	16,699	16,699 *
104	944	944 *	26	25,202	13,823 *
Sub-Total	26,152	26,152 *	56	94,787	66,735 *
Total - 7	77,548	68,540 *	224	275,456	172,286 *
Set : 8 (i) Starting Cell "c6", Ending Cell "a5"					
End Dash c2 = 61, a1 = 62, b3 = 63, a5 = 64					
105	4,612	4,612 *	Nil	Nil	Nil
106	1,742	1,742 *	2	5,723	5,723 *
107	1,465	1,465 *	2	4,703	4,703 *
108	2,731	2,731 *	2	6,515	6,515 *
109	1,492	1,492 *	8	12,542	12,542 *
110	2,557	2,557 *	8	18,581	18,581 *
111	653	653 *	8	7,510	6,203 *
112	1,241	1,241 *	26	32,590	26,126 *
Sub-Total	16,493	16,493 *	56	88,164	80,393 *
Set : 8 (j) Starting Cell "c6", Ending Cell "b4"					
End Dash b3 = 61, a1 = 62, c2 = 63, b4 = 64					
113	2,047	2,047 *	Nil	Nil	Nil
114	1,786	1,786 *	2	3,457	1,671 *
115	369	369 *	2	1,270	1,270 *
116	1,314	1,314 *	2	2,659	2,659 *
117	492	492 *	8	4,876	2,842 *
118	1,331	1,331 *	8	9,678	6,023 *

119	392	392 *	8	3,667	3,667 *
120	516	516 *	26	13,820	8,560 *
Sub-Total	8,247	8,247 *	56	39,427	26,692 *
Set : 8 (k) Starting Cell "c6", Ending Cell "d4"					
End Dash b3 = 61, a1 = 62, c2 = 63, d4 = 64					
121	2,113	2,113 *	Nil	Nil	Nil
122	922	922 *	2	2,830	2,830 *
123	836	836 *	2	1,402	1,402 *
124	1,673	1,673 *	2	3,384	3,384 *
125	540	540 *	8	4,944	4,944 *
126	1,043	1,043 *	8	7,975	7,975 *
127	213	213 *	8	3,874	2,993 *
128	463	463 *	26	13,128	11,092 *
Sub-Total	7,803	7,803 *	56	37,537	34,620 *
Set : 8 (l) Starting Cell "c6", Ending Cell "d4"					
End Dash c2 = 61, a1 = 62, b3 = 63, d4 = 64					
129	1,091	1,091 *	Nil	Nil	Nil
130	993	993 *	2	2,049	2,049 *
131	599	599 *	2	1,237	1,237 *
132	778	778 *	2	1,640	1,640 *
133	702	702 *	8	5,678	5,678 *
134	880	880 *	8	6,018	6,018 *
135	372	372 *	8	2,650	2,271 *
136	507	507 *	26	12,935	12,935 *
Sub-Total	5,922	5,922 *	56	32,207	31,828 *
Set : 8 (m) Starting Cell "c6", Ending Cell "e5"					
End Dash f7 = 61, h8 = 62, g6 = 63, e5 = 64					
137	2,113	0	Nil	Nil	Nil
138	922	0	2	2,830	0
139	836	0	2	1,402	0
140	1,673	0	2	3,384	0
141	540	0	8	4,944	0
142	1,043	0	8	7,975	0
143	213	0	8	3,874	0
144	463	0	26	13,128	0
Sub-Total	7,803	0	56	37,537	0
Set : 8 (n) Starting Cell "c6", Ending Cell "e5"					
End Dash g6 = 61, h8 = 62, f7 = 63, e5 = 64					
145	1,091	0	Nil	Nil	Nil
146	993	0	2	2,049	0
147	599	0	2	1,237	0
148	778	0	2	1,640	0
149	702	0	8	5,678	0
150	880	0	8	6,018	0
151	372	0	8	2,650	0
152	507	0	26	12,935	0
Sub-Total	5,922	0	56	32,207	0
Set : 8 (o) Starting Cell "c6", Ending Cell "e7"					
End Dash f7 = 61, h8 = 62, g6 = 63, e7 = 64					
153	2,047	0	Nil	Nil	Nil
154	1,786	0	2	3,457	0
155	369	0	2	1,270	0
156	1,314	0	2	2,659	0
157	492	0	8	4,876	0
158	1,331	0	8	9,678	0
159	392	0	8	3,667	0
160	516	0	26	13,820	0

Sub-Total	8,247	0	56	39,427	0
Set : 8 (p) Starting Cell "c6", Ending Cell "d8"					
End Dash g6 = 61, h8 = 62, f7 = 63, d8 = 64					
161	4,612	0	Nil	Nil	Nil
162	1,742	0	2	5,723	0
163	1,465	0	2	4,703	0
164	2,731	0	2	6,515	0
165	1,492	0	8	12,542	0
166	2,557	0	8	18,581	0
167	653	0	8	7,510	0
168	1,241	0	26	32,590	0
Sub-Total	16,493	0	56	88,164	0
Total - 8	76,930	38,465 *	448	394,670	173,533 *
Set : 9 (i) Starting Cell "d6", Ending Cell "c8"					
End Dash c7 = 61, a8 = 62, b6 = 63, c8 = 64					
169	3,152	3,152 *	Nil	Nil	Nil
170	1,591	1,591 *	2	3,632	2,041 *
171	1,529	1,529 *	2	3,476	3,476 *
172	2,540	2,540 *	2	4,855	4,855 *
173	615	615 *	8	6,897	4,517 *
174	434	434 *	8	7,351	6,015 *
175	1,156	1,156 *	8	9,430	9,430 *
176	474	474 *	26	17,878	14,037 *
Sub-Total	11,491	11,491 *	56	53,519	44,371 *
Set : 9 (j) Starting Cell "d6", Ending Cell "b5"					
End Dash b6 = 61, a8 = 62, c7 = 63, b5 = 64					
177	4,423	4,423 *	Nil	Nil	Nil
178	1,513	1,513 *	2	4,642	3,129 *
179	1,652	1,652 *	2	3,957	3,957 *
180	2,787	2,787 *	2	5,864	5,864 *
181	639	639 *	8	8,521	6,015 *
182	395	395 *	8	8,773	7,628 *
183	1,231	1,231 *	8	11,096	11,096 *
184	280	280 *	26	18,733	15,594 *
Sub-Total	12,920	12,920 *	56	61,586	53,283 *
Set : 9 (k) Starting Cell "d6", Ending Cell "c4"					
End Dash c7 = 61, a8 = 62, b6 = 63, c4 = 64					
185	3,660	3,660 *	Nil	Nil	Nil
186	1,684	1,684 *	2	4,008	2,324 *
187	2,128	2,128 *	2	4,873	4,873 *
188	1,872	1,872 *	2	4,244	4,244 *
189	712	712 *	8	8,707	5,807 *
190	371	371 *	8	6,803	3,603 *
191	1,504	1,504 *	8	13,070	10,431 *
192	431	431 *	26	20,326	16,334 *
Sub-Total	12,362	12,362 *	56	62,031	47,616 *
Set : 9 (l) Starting Cell "d6", Ending Cell "e4"					
End Dash g3 = 61, h1 = 62, f2 = 63, e4 = 64					
193	3,478	3,478 *	Nil	Nil	Nil
194	699	699 *	2	2,193	2,193 *
195	1,431	1,431 *	2	4,111	2,680 *
196	3,165	3,165 *	2	5,523	5,523 *
197	187	187 *	8	3,774	3,227 *
198	1,097	1,097 *	8	9,588	9,588 *
199	648	648 *	8	10,799	8,319 *
200	106	106 *	26	11,076	9,324 *
Sub-Total	10,811	10,811 *	56	47,064	40,854 *

Set : 9 (m) Starting Cell "d6", Ending Cell "e4"					
End Dash f2 = 61, h1 = 62, g3 = 63, e4 = 64					
201	4,238	4,238 *	Nil	Nil	Nil
202	1,601	1,601 *	2	3,978	3,978 *
203	1,750	1,750 *	2	5,171	3,421 *
204	3,261	3,261 *	2	6,151	6,151 *
205	120	120 *	8	6,793	6,094 *
206	2,019	2,019 *	8	15,698	12,856 *
207	871	871 *	8	13,092	9,813 *
208	106	106 *	26	18,636	16,243 *
Sub-Total	13,966	13,966 *	56	69,519	58,556 *
Set : 9 (n) Starting Cell "d6", Ending Cell "f5"					
End Dash f2 = 61, h1 = 62, g3 = 63, f5 = 64					
209	2,472	2,472 *	Nil	Nil	Nil
210	741	741 *	2	2,363	2,363 *
211	962	962 *	2	3,428	2,466 *
212	1,970	1,970 *	2	3,955	3,955 *
213	46	46 *	8	4,455	3,806 *
214	639	639 *	8	6,720	6,720 *
215	453	453 *	8	7,277	5,577 *
216	37	37 *	26	9,592	7,522 *
Sub-Total	7,320	7,320 *	56	37,790	32,409 *
Set : 9 (o) Starting Cell "d6", Ending Cell "e8"					
End Dash b6 = 61, a8 = 62, c7 = 63, e8 = 64					
217	6,674	6,674 *	Nil	Nil	Nil
218	3,248	3,248 *	2	7,252	4,004 *
219	5,538	5,538 *	2	10,874	10,874 *
220	1,951	1,951 *	2	3,739	3,739 *
221	2,017	2,017 *	8	23,714	15,679 *
222	1,533	1,533 *	8	11,778	7,522 *
223	2,634	2,634 *	8	20,068	14,838 *
224	1,586	1,586 *	26	43,322	22,215 *
Sub-Total	25,181	25,181 *	56	120,747	78,871 *
Total - 9	94,051	94,051 *	392	452,256	355,960 *
Set : 10 (i) Starting Cell "d5", Ending Cell "b4"					
End Dash b3 = 61, a1 = 62, c2 = 63, b4 = 64					
225	10,221	10,221 *	Nil	Nil	Nil
226	6,855	6,855 *	2	6,855	0
227	3,928	3,928 *	2	7,898	7,898 *
228	5,766	5,766 *	2	11,194	11,194 *
229	3,276	3,276 *	8	16,314	6,519 *
230	3,498	3,498 *	8	17,622	7,062 *
231	1,399	1,399 *	8	18,410	18,410 *
232	1,089	1,089 *	26	25,927	12,419 *
Sub-Total	36,032	36,032 *	56	104,220	63,502 *
Set : 10 (j) Starting Cell "d5", Ending Cell "e3"					
End Dash b3 = 61, a1 = 62, c2 = 63, e3 = 64					
233	16,155	16,155 *	Nil	Nil	Nil
234	8,552	8,552 *	2	8,552	0
235	7,030	7,030 *	2	14,645	14,645 *
236	7,242	7,242 *	2	16,604	16,604 *
237	4,032	4,032 *	8	20,172	8,070 *
238	5,108	5,108 *	8	27,956	11,424 *
239	2,093	2,093 *	8	24,470	24,470 *
240	1,712	1,712 *	26	36,336	16,219 *
Sub-Total	51,924	51,924 *	56	148,735	91,432 *
Set : 10 (k) Starting Cell "d5", Ending Cell "f4"					

End Dash f7 = 61, h8 = 62, g6 = 63, f4 = 64					
241	16,155	0	Nil	Nil	Nil
242	8,552	0	2	8,552	0
243	7,030	0	2	14,645	0
244	7,242	0	2	16,604	0
245	4,032	0	8	20,172	0
246	5,108	0	8	27,956	0
247	2,093	0	8	24,470	0
248	1,712	0	26	36,336	0
Sub-Total	51,924	0	56	148,735	0
Set : 10 (l) Starting Cell "d5", Ending Cell "e7"					
End Dash f7 = 61, h8 = 62, g6 = 63, e7 = 64					
249	10,221	0	Nil	Nil	Nil
250	6,855	0	2	6,855	0
251	3,928	0	2	7,898	0
252	5,766	0	2	11,194	0
253	3,276	0	8	16,314	0
254	3,498	0	8	17,622	0
255	1,399	0	8	18,410	0
256	1,089	0	26	25,927	0
Sub-Total	36,032	0	56	104,220	0
Total - 10	175,912	87,956 *	224	505,910	154,934 *
Grand Totals	570,079	317,906 *	1,792	2,366,507	872,786 *
Notes : * Means the number will be definitely smaller than this, perhaps much smaller.					
# Means comparison work for duplicate elimination is in progress.					
When there is no symbol in column D or H (painted Yellow), the corresponding number in (previous) column C or G respectively shows confirmed number of original solutions in that algorithm (which may be zero also).					