

6	4	7
8	5	#
3	2	1

↓
↓1-(#, D)
↓

6	4	7
8	5	1
3	2	#

↓
↓2-(#, L)
↓

6	4	7
8	5	1
3	#	2

↓
↓3-(#, L)
↓

6	4	7
8	5	1
#	3	2

↓
↓4-(#, U)
↓

6	4	7
#	5	1
8	3	2

↓
↓5-(#, U)
↓

#	4	7
6	5	1
8	3	2

↓
↓6-(#, R)
↓

--	--	--

4	#	7
6	5	1
8	3	2

↓
↓7-(#, R)
↓

4	7	#
6	5	1
8	3	2

↓
↓8-(#, D)
↓

4	7	1
6	5	#
8	3	2

↓
↓9-(#, D)
↓

4	7	1
6	5	2
8	3	#

↓
↓10-(#, L)
↓

4	7	1
6	5	2
8	#	3

↓
↓11-(#, U)
↓

4	7	1
6	#	2
8	5	3

↓
↓12-(#, L)
↓

4	7	1
---	---	---

+	---	+	---	+	---	+
	#		6		2	
+	---	+	---	+	---	+
	8		5		3	
+	---	+	---	+	---	+

↓
↓13-(#, U)

+	---	+	---	+	---	+
	#		7		1	
+	---	+	---	+	---	+
	4		6		2	
+	---	+	---	+	---	+
	8		5		3	
+	---	+	---	+	---	+

↓
↓14-(#, R)

+	---	+	---	+	---	+
	7		#		1	
+	---	+	---	+	---	+
	4		6		2	
+	---	+	---	+	---	+
	8		5		3	
+	---	+	---	+	---	+

↓
↓15-(#, R)

+	---	+	---	+	---	+
	7		1		#	
+	---	+	---	+	---	+
	4		6		2	
+	---	+	---	+	---	+
	8		5		3	
+	---	+	---	+	---	+

↓
↓16-(#, D)

+	---	+	---	+	---	+
	7		1		2	
+	---	+	---	+	---	+
	4		6		#	
+	---	+	---	+	---	+
	8		5		3	
+	---	+	---	+	---	+

↓
↓17-(#, D)

+	---	+	---	+	---	+
	7		1		2	
+	---	+	---	+	---	+
	4		6		3	
+	---	+	---	+	---	+
	8		5		#	
+	---	+	---	+	---	+

↓
↓18-(#, L)

+	---	+	---	+	---	+
	7		1		2	
+	---	+	---	+	---	+

4	6	3
8	#	5

↓
↓19-(#, U)
↓

7	1	2
4	#	3
8	6	5

↓
↓20-(#, L)
↓

7	1	2
#	4	3
8	6	5

↓
↓21-(#, U)
↓

#	1	2
7	4	3
8	6	5

↓
↓22-(#, R)
↓

1	#	2
7	4	3
8	6	5

↓
↓23-(#, R)
↓

1	2	#
7	4	3
8	6	5

↓
↓24-(#, D)
↓

1	2	3
7	4	#

8	6	5
---	---	---

↓

↓25-(#, D)

↓

1	2	3
7	4	5
8	6	#

↓

↓26-(#, L)

↓

1	2	3
7	4	5
8	#	6

↓

↓27-(#, L)

↓

1	2	3
7	4	5
#	8	6

↓

↓28-(#, U)

↓

1	2	3
#	4	5
7	8	6

↓

↓29-(#, R)

↓

1	2	3
4	#	5
7	8	6

↓

↓30-(#, R)

↓

1	2	3
4	5	#

7	8	6
---	---	---

↓

↓31-(#, D)

↓

1	2	3
4	5	6
7	8	#

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8	6	7
2	5	4
3	#	1

↓

↓1-(#, R)

↓

8	6	7
2	5	4
3	1	#

↓

↓2-(#, U)

↓

8	6	7
2	5	#
3	1	4

↓

↓3-(#, U)

↓

8	6	#
2	5	7
3	1	4

↓

↓4-(#, L)

↓

8	#	6
2	5	7
3	1	4

↓

↓5-(#, D)

↓

8	5	6
2	#	7
3	1	4

↓

↓6-(#, L)

↓

8	5	6
#	2	7
3	1	4

↓

↓7-(#, U)

↓

#	5	6
8	2	7
3	1	4

↓

↓8-(#, R)

↓

5	#	6
8	2	7
3	1	4

↓

↓9-(#, D)

↓

5	2	6
8	#	7
3	1	4

↓

↓10-(#, D)

↓

5	2	6
8	1	7
3	#	4

↓

↓11-(#, L)

↓

+	+	+	+	+	+
	5		2		6
+	+	+	+	+	+
	8		1		7
+	+	+	+	+	+
	#		3		4
+	+	+	+	+	+

↓
↓12-(#, U)

↓

+	+	+	+	+	+
	5		2		6
+	+	+	+	+	+
	#		1		7
+	+	+	+	+	+
	8		3		4
+	+	+	+	+	+

↓
↓13-(#, R)

↓

+	+	+	+	+	+
	5		2		6
+	+	+	+	+	+
	1		#		7
+	+	+	+	+	+
	8		3		4
+	+	+	+	+	+

↓
↓14-(#, R)

↓

+	+	+	+	+	+
	5		2		6
+	+	+	+	+	+
	1		7		#
+	+	+	+	+	+
	8		3		4
+	+	+	+	+	+

↓
↓15-(#, U)

↓

+	+	+	+	+	+
	5		2		#
+	+	+	+	+	+
	1		7		6
+	+	+	+	+	+
	8		3		4
+	+	+	+	+	+

↓
↓16-(#, L)

↓

+	+	+	+	+	+
	5		#		2
+	+	+	+	+	+
	1		7		6
+	+	+	+	+	+
	8		3		4
+	+	+	+	+	+

↓
↓17-(#, L)

↓

+	---	+	---	+	---	+
	#		5		2	
+	---	+	---	+	---	+
	1		7		6	
+	---	+	---	+	---	+
	8		3		4	
+	---	+	---	+	---	+

↓
↓18-(#, D)
↓

+	---	+	---	+	---	+
	1		5		2	
+	---	+	---	+	---	+
	#		7		6	
+	---	+	---	+	---	+
	8		3		4	
+	---	+	---	+	---	+

↓
↓19-(#, R)
↓

+	---	+	---	+	---	+
	1		5		2	
+	---	+	---	+	---	+
	7		#		6	
+	---	+	---	+	---	+
	8		3		4	
+	---	+	---	+	---	+

↓
↓20-(#, D)
↓

+	---	+	---	+	---	+
	1		5		2	
+	---	+	---	+	---	+
	7		3		6	
+	---	+	---	+	---	+
	8		#		4	
+	---	+	---	+	---	+

↓
↓21-(#, R)
↓

+	---	+	---	+	---	+
	1		5		2	
+	---	+	---	+	---	+
	7		3		6	
+	---	+	---	+	---	+
	8		4		#	
+	---	+	---	+	---	+

↓
↓22-(#, U)
↓

+	---	+	---	+	---	+
	1		5		2	
+	---	+	---	+	---	+
	7		3		#	
+	---	+	---	+	---	+
	8		4		6	
+	---	+	---	+	---	+

↓
↓23-(#, L)
↓

+	---	+	---	+	---	+
---	-----	---	-----	---	-----	---

1	5	2
7	#	3
8	4	6

↓
↓24-(#, D)
↓

1	5	2
7	4	3
8	#	6

↓
↓25-(#, L)
↓

1	5	2
7	4	3
#	8	6

↓
↓26-(#, U)
↓

1	5	2
#	4	3
7	8	6

↓
↓27-(#, R)
↓

1	5	2
4	#	3
7	8	6

↓
↓28-(#, U)
↓

1	#	2
4	5	3
7	8	6

↓
↓29-(#, R)
↓

1	2	#
---	---	---

+---+---+---+		
4 5 3		
+---+---+---+		
7 8 6		
+---+---+---+		

↓
↓30-(#, D)
↓

+---+---+---+		
1 2 3		
+---+---+---+		
4 5 #		
+---+---+---+		
7 8 6		
+---+---+---+		

↓
↓31-(#, D)
↓

+---+---+---+		
1 2 3		
+---+---+---+		
4 5 6		
+---+---+---+		
7 8 #		
+---+---+---+		

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