

2.1.3.2 : 8 puzzle.

1 4 3	$\xrightarrow{\text{find}}$	1 2 3
7 _ 6		4 5 6
5 8 2		7 8 _

Solution 14 steps.

① ↑	→	↓	↓
1 _ 3	1 3 _	1 3 6	1 3 6
7 4 6	7 4 6	7 4 _	7 4 2
5 8 2	5 8 2	5 8 2	5 8 _
←	←	↑	→
1 3 6	1 3 6	1 3 6	1 3 6
7 4 2	7 4 2	_ 4 2	4 _ 2
5 _ 8	_ 5 8	7 5 8	7 5 8
→	↑	←	↓
1 3 6	1 3 _	1 _ 3	1 2 3
4 2 _	4 2 6	4 2 6	4 _ 6
7 5 8	7 5 8	7 5 8	7 5 8

↓

→

1 2 3

1 2 3

4 5 6

4 5 6

7 - 8

7 8 -