

8-Puzzle Game, Part III: Manhattan distance

Input: a state

Output: the Manhattan distance between the given state to the goal state 012345678

範例 Examples:	
Input	Meaning
10	Number of test data
312457680	State of test data #1
724506831	State of test data #2
438126507	.
167352480	.
104782563	.
817365204	
320685741	
426031785	
102345678	
041235678	
Output	Meaning
6	Manhattan distance of test data #1
18	Manhattan distance of test data #2
17	.
12	.
15	.
15	
10	
13	
1	
6	