

①	3 2 1	1 3 2
	2 3 1	2 1 3
	2 3 1	
	3 1 2	

② 52, 53, 54, 74, 76,

② $i \neq j \Rightarrow 2 \Rightarrow 8 - 2 = 6$ total moves
 so that means near the of need
 move the six time to get
 free.

④ Group with set number priority

⑤ the ident work to 2x2

⑥ you need take the period
 of each time by determinat
 find rep for

⑦ no idea