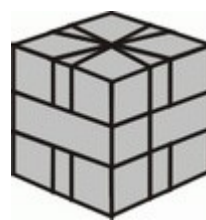


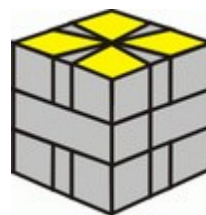
Square-1 解决方法总览

第一步:先把 **SQ1** 调成正方形,不必理颜色

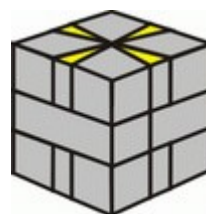
这一步很重要哦,需要非常明白自己是怎么把这东西变成方形的



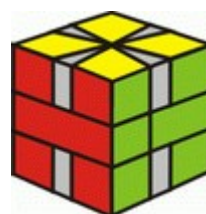
第二步:把上下两层的角块调成一面,不必理它位置是否正确,相当于三阶里的 **OLL**



第三步:调整"小刀尖"也成为一种色,也是一个小小的 **OLL**



第四步:调整上下两层大角块到正确位置,相当于三阶的 **PLL**



第五步:细调每个"小刀尖"到正确位置,相当于三阶的 **PLL**



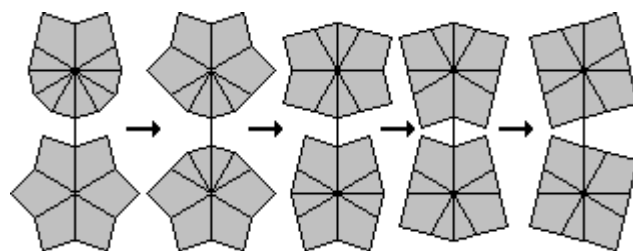
第六步:调整中层不妥的位置,完成!



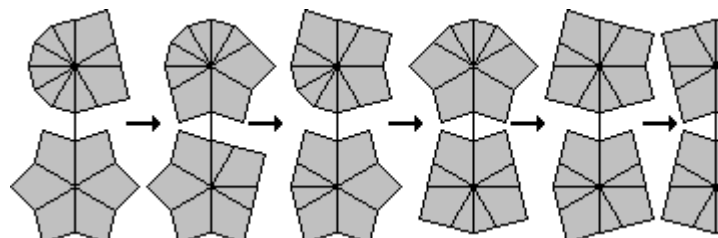
第一步:还原方形

重要技巧: 把所有的小棱集中起来,让底层只有六个角块形成一个六角星,
于是便可以轻松得到以下左数起第一对形状了

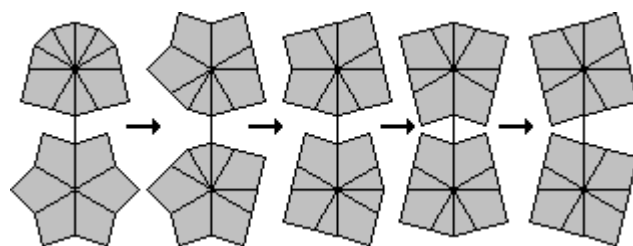
0 $/(-2,-4)/(-1,-2)/(-3,-3)/$



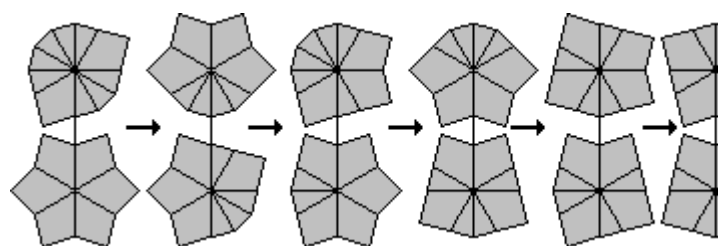
1 $/(2,-2)/(-3,-4)/(4,-3)/(-5,-4)/(6,-3)/$



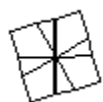
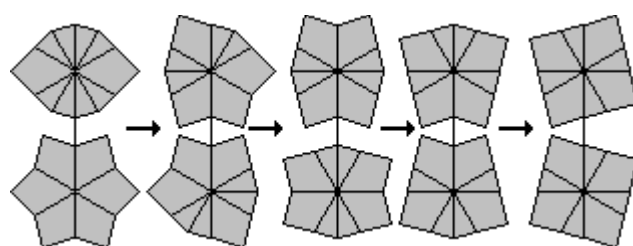
2 $/(-4,-2)/(-1,4)/(-3,0)/$



3 $/(-4,0)/(5,4)/(2,-3)/(-5,-4)/(6,-3)/$

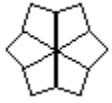


4 $/(2,2)/(0,-1)/(3,3)/$



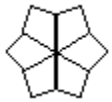
下一个形状是: 78, distance is 7 ▲

Pair 83



下一个形状是: 6, distance is 6 ▲

Pair 1



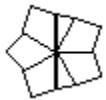
下一个形状是: 36, distance is 6 ▲

Pair 3



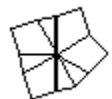
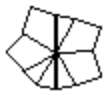
下一个形状是: 26, distance is 6 ▲

Pair 33



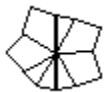
下一个形状是: 14, distance is 6 ▲

Pair 34



下一个形状是: 43, distance is 6 ▲

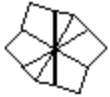
Pair 70





下一个形状是: 49, distance is 6 ▲

Pair 71



下一个形状是: 39, distance is 6 ▲

Pair 72



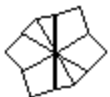
下一个形状是: 40, distance is 6 ▲

Pair 73



下一个形状是: 53, distance is 6 ▲

Pair 76



下一个形状是: 36, distance is 6 ▲

Pair 77



下一个形状是: 49, distance is 6 ▲

Pair 78



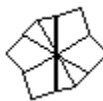
下一个形状是: 50, distance is 6 ▲

Pair 79



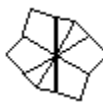
下一个形状是: 53, distance is 6 ▲

Pair 82



下一个形状是: 36, distance is 6 ▲

Pair 85



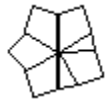
下一个形状是: 47, distance is 6 ▲

Pair 86



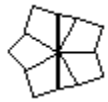
下一个形状是: 65, distance is 6 ▲

Pair 88



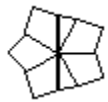
下一个形状是: 8, distance is 5 ▲

Pair 6



下一个形状是: 0, distance is 5 ▲

Pair 7



下一个形状是: 11, distance is 5 ▲

Pair 10



下一个形状是: 8, distance is 5 ▲

Pair 12



下一个形状是: 8, distance is 5 ▲

Pair 14





下一个形状是: 11, distance is 5 ▲

Pair 16



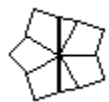
下一个形状是: 8, distance is 5 ▲

Pair 18



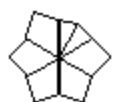
下一个形状是: 9, distance is 5 ▲

Pair 22



下一个形状是: 9, distance is 5 ▲

Pair 25



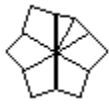
下一个形状是: 9, distance is 5 ▲

Pair 26



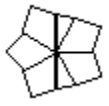
下一个形状是: 15, distance is 5 ▲

Pair 28



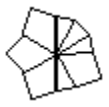
下一个形状是: 8, distance is 5 ▲

Pair 29



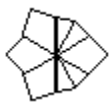
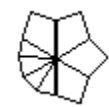
下一个形状是: 11, distance is 5 ▲

Pair 31



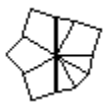
下一个形状是: 20, distance is 5 ▲

Pair 36



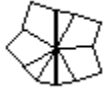
下一个形状是: 2, distance is 5 ▲

Pair 37



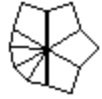
下一个形状是: 8, distance is 5 ▲

Pair 38



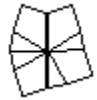
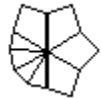
下一个形状是: 8, distance is 5 ▲

Pair 39



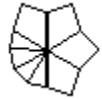
下一个形状是: 8, distance is 5 ▲

Pair 40



下一个形状是: 8, distance is 5 ▲

Pair 43



下一个形状是: 9, distance is 5 ▲

Pair 44



下一个形状是: 8, distance is 5 ▲

Pair 46





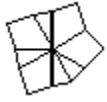
下一个形状是: 4, distance is 5 ▲

Pair 47



下一个形状是: 11, distance is 5 ▲

Pair 48



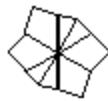
下一个形状是: 15, distance is 5 ▲

Pair 49



下一个形状是: 11, distance is 5 ▲

Pair 50



下一个形状是: 8, distance is 5 ▲

Pair 51



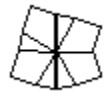
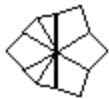
下一个形状是: 24, distance is 5 ▲

Pair 53



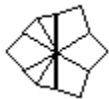
下一个形状是: 8, distance is 5 ▲

Pair 55



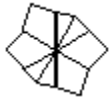
下一个形状是: 15, distance is 5 ▲

Pair 57



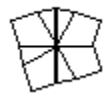
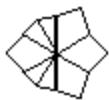
下一个形状是: 27, distance is 5 ▲

Pair 58



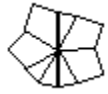
下一个形状是: 11, distance is 5 ▲

Pair 59



下一个形状是: 15, distance is 5 ▲

Pair 60



下一个形状是: 17, distance is 5 ▲

Pair 63



下一个形状是: 17, distance is 5 ▲

Pair 65



下一个形状是: 19, distance is 5 ▲

Pair 66



下一个形状是: 15, distance is 5 ▲

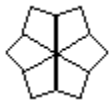
Pair 67



下一个形状是: 24, distance is 5 ▲

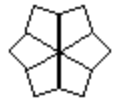
Pair 68





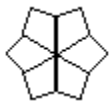
下一个形状是: 35, distance is 4 ▲

Pair 0



下一个形状是: 45, distance is 4 ▲

Pair 2



下一个形状是: 35, distance is 4 ▲

Pair 4



下一个形状是: 35, distance is 4 ▲

Pair 5



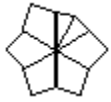
下一个形状是: 41, distance is 4 ▲

Pair 8



下一个形状是: 41, distance is 4 ▲

Pair 9



下一个形状是: 35, distance is 4 ▲

Pair 11



下一个形状是: 41, distance is 4 ▲

Pair 13



下一个形状是: 45, distance is 4 ▲

Pair 15



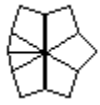
下一个形状是: 35, distance is 4 ▲

Pair 17



下一个形状是: 41, distance is 4 ▲

Pair 19



下一个形状是: 41, distance is 4 ▲

Pair 20



下一个形状是: 41, distance is 4 ▲

Pair 21



下一个形状是: 45, distance is 4 ▲

Pair 23



下一个形状是: 41, distance is 4 ▲

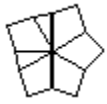
Pair 24



下一个形状是: 61, distance is 4 ▲

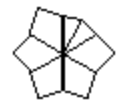
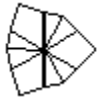
Pair 27





下一个形状是: 61, distance is 4 ▲

Pair 30



下一个形状是: 54, distance is 4 ▲

Pair 32



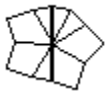
下一个形状是: 54, distance is 4 ▲

Pair 42



下一个形状是: 61, distance is 4 ▲

Pair 52



下一个形状是: 41, distance is 4 ▲

Pair 56



下一个形状是: 61, distance is 4 ▲

Pair 64



下一个形状是: 84, distance is 3 ▲

Pair 35



下一个形状是: 75, distance is 3 ▲

Pair 41



下一个形状是: 75, distance is 3 ▲

Pair 45



下一个形状是: 84, distance is 3 ▲

Pair 54



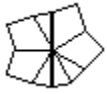
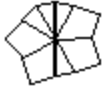
下一个形状是: 75, distance is 3 ▲

Pair 61



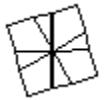
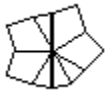
下一个形状是: 75, distance is 3 ▲

Pair 62



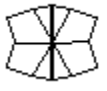
下一个形状是: 84, distance is 3 ▲

Pair 69



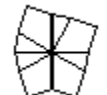
下一个形状是: 75, distance is 3 ▲

Pair 74



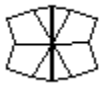
下一个形状是: 75, distance is 3 ▲

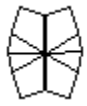
Pair 81



下一个形状是: 80, distance is 2 ▲

Pair 75





下一个形状是: 80, distance is 2 ▲

Pair 84



下一个形状是: 80, distance is 2 ▲

Pair 87



下一个形状是: 89, distance is 1 ▲

Pair 80

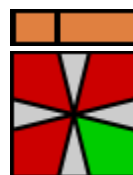
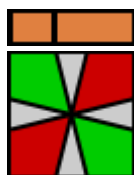
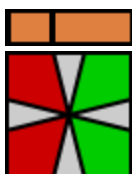
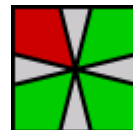
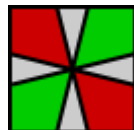
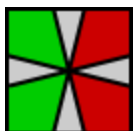


no next: distance is 0 ▲

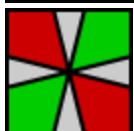
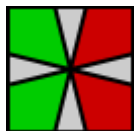
Pair 89

如 square 1 仍未成立方体,再转一次使中层恢复

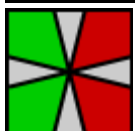
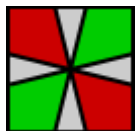
Square-1 还原步骤二



$(1,0) / (-1,0)$



$(1,0) / (3,3) / (-1,0)$



$(1,0) / (3,0) / (-1,0)$

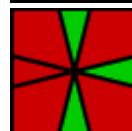
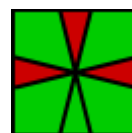
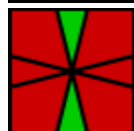
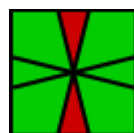
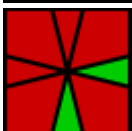
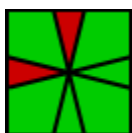
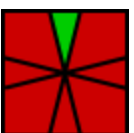
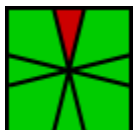
$(1,0) / (0,3) / (0,3) / (-1,0)$

$(1,0) / (3,0) / (3,0) / (-1,0)$

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Square-1 还原步骤三

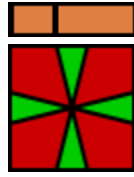
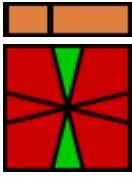
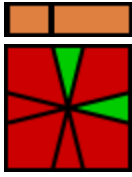
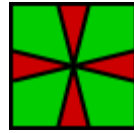
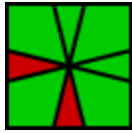
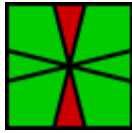
这一步是把小刀变成一面,就象三阶的 OLL



$(0,-1) / (-3,0) / (4,1) / (1,0) / (-3,0) / (-1,-1) / (-4,-1) / (3,0) / (0,-1)$

$(0,-1) / (1,1) / (-1,0)$

$(0,-1) / (1,4) / (-1,-4) / (-3,0) / (4,1) / (-1,0)$



$(0,-1) / (3,0) / (-3,0) /$
 $(1,-2) / (0,3) / (-1,0)$

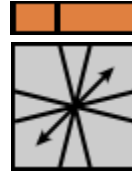
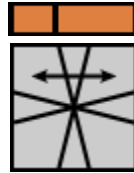
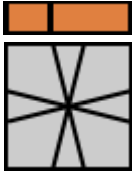
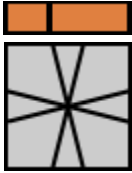
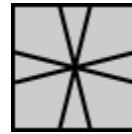
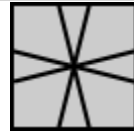
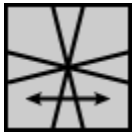
$(0,-1) / (3,0) / (0,-$
 $3) / (1,-2) / (3,0) /$
 $(-1,0)$

$(0,-1) / (1,1) /$
 $(3,3) / (-1,-1) /$
 $(0,1)$

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Square-1 还原步骤四

把各角块调到正确的位置

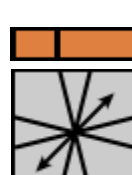
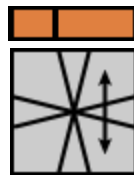
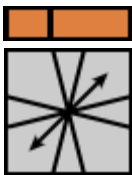
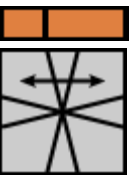
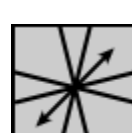
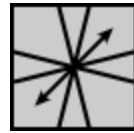
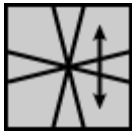
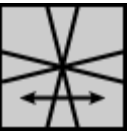


$/ (3,-3) / (3,0) / (-3,0) /$
 $/ (0,3) / (-3,0) /$

$/ (3,3) / (3,0) / (3,3) /$
 $/ (3,0) / (3,3) /$

$/ (3,-3) / (0,3) /$
 $(-3,0) / (3,0) /$
 $(-3,0) /$

$/ (3,3) / (0,3) / (3,3) /$
 $(0,3) / (3,3) /$



$/ (-3,0) / (3,3) / (0,-3) /$

$/ (0,3) / (0,-3) /$
 $(0,3) / (0,-3) /$

$/ (3,0) / (-3,0) / (3,0) /$
 $/ (-3,0) /$

$/ (3,-3) / (3,-3) /$

Square-1 还原步骤五

开始细调各小刀的位置直到位置完全正确,即边成为一片色

顶层	底层	
		(UR UF) / (-3,0) / (0,3) / (0,-3) / (0,3) / (2,0) / (0,2) / (-2,0) / (4,0) / (0,-2) / (0,2) / (-1,4) / (0,-3) / (0,3) [13 27]
		(UR UL) / (3,3) / (-1,0) / (2,-4) / (4,-2) / (0,-2) / (-4,2) / (1,-5) / (3,0) / (3,3) / (3,0) [10 26]

顶层	底层	
		(UR UB) (UL UF) / (3,3) / (0,3) / (1,1) / (-1,-4) / (-3,-3) / [6 15]
		(UR UL) (UF UB) / (3,-3) / (3,-3) / (0,1) / (-3,3) / (-3,3) / (-1,0) [6 16]
		(UR UL UB) / (3,0) / (1,0) / (0,-3) / (-1,0) / (-3,0) / (1,0) / (0,3) / (-1,0) [8 16]
		(UR UB UL) (1,0) / (0,-3) / (-1,0) / (3,0) / (1,0) / (0,3) / (-1,0) / (-3,0) / [8 16]

		(UR UF UL UB) (1,0) / (2,2) / (0,-2) / (3,3) / (1,0) / (4,4) / (0,-2) / (2,2) / (0,-1) / (3,3) / [10 25]
		(UR UB UL UF) / (-3,-3) / (0,1) / (-2,-2) / (0,2) / (-4,-4) / (-1,0) / (-3,-3) / (0,2) / (-2,-2) / (-1,0) [10 25]
		(UR UB UF UL) (0,-1) / (1,-2) / (-4,0) / (0,3) / (1,0) / (3,-2) / (-4,0) / (-4,0) / (-2,2) / (-1,0) / (0,-3) / (-3,0) [11 26]

顶层	底层	(UR UF) (DL DF) (1,0) / (0,3) / (-1,-1) / (1,-2) / (-1,0) [4 11]
		(UF UB) (DR DB) (1,0) / (0,-1) / (0,-3) / (5,0) / (-5,0) / (0,3) / (0,1) / (5,0) [7 15]
		(UF UB) (DF DB) (1,0) / (5,-1) / (-5,1) / (5,0) [3 9]

顶层	底层	(UR UF) (UL UB) (DR DF) / (3,0) / (3,3) / (0,-3) / (4,-3) / (4,-2) / (2,-4) / (0,-4) / (3,0) / (-3,-3) / (-3,0) [10 25]
		(UL UR) (UF UB) (DR DB) / (3,3) / (1,4) / (0,-4) / (4,-2) / (2,-4) / (0,-1) / (0,3) / (-3,-3) / (-3,0) / (0,-3) [10 25]

		(UR UL UB) (DR DB) / (3,3) / (1,0) / (-2,0) / (-4,0) / (0,-4) / (0,-4) / (0,-2) / (0,5) / (3,3) / (0,-3) [10 22]
		(UR UB UL) (DB DL) / (-3,-3) / (0,-5) / (0,2) / (0,4) / (0,4) / (4,0) / (2,0) / (-1,0) / (-3,- 3) / (0,3) [10 22]
		(UR UF) (UL UB) (DR DL) / (3,3) / (1,0) / (-2,4) / (2,-4) / (0,4) / (2,2) / (-3,0) / (-3,-3) / (-3,0) [9 23]
		(UL UR) (UF UB) (DR DL) / (3,3) / (1,0) / (-2,4) / (2,-4) / (2,0) / (3,3) / (-3,0) / (3,3) / (3,0) [9 23]
		(UR UL UB) (DF DB) / (3,0) / (-3,0) / (3,0) / (0,3) / (1,0) / (0,2) / (4,0) / (0,-4) / (2,0) / (0,5) / (3,3) / (0,-3) [12 25]
		(UR UB UL) (DR DL) / (-3,-3) / (0,-5) / (-2,0) / (0,4) / (-4,0) / (0,-2) / (-1,0) / (0,-3) / (-3,0) / (3,0) / (-3,0) / (0,3) [12 25]

顶层	底层	(UR UF UL UB) (DR DB) / (-3,0) / (-2,0) / (5,-1) / (-5,0) / (3,0) / (-3,0) / (0,1) / (-3,0) / (-3,0) / (-1,0) [10 21]
		(UR UB UL UF) (DR DB) (1,0) / (3,0) / (3,0) / (0,-1) / (3,0) / (-3,0) / (5,0) / (-5,1) / (2,0) / (3,0) / [10 21]
		(UR UL UB UF) (DL DB) (1,0) / (0,3) / (5,5) / (3,0) / (-3,0) / (1,1) / (-3,0) / (-1,6) [7 19]

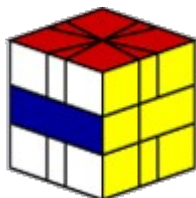
		(UR UF UL UB) (DF DB) $(0,-1) / (1,1) / (-3,0) / (-1,-1) / (-3,0) / (1,1) / (5,0)$ [6 16]
		(UR UB UL UF) (DF DB) $(0,-1) / (1,1) / (3,0) / (-1,-1) / (3,0) / (1,1) / (5,0)$ [6 16]
		(UR UL UB UF) (DR DL) $(1,0) / (0,3) / (-1,0) / (0,3) / (1,0) / (2,2) / (0,1) / (0,3) / (1,0) / (-3,0) / (-1,0)$ [10 22]

顶层	底层	
		(UR UF) (UL UB) (DL DF) (DR DB) $(1,0) / (3,0) / (5,5) / (3,-3) / (1,1) / (-3,0) / (5,6)$ [6 17]
		(UL UR) (UF UB) (DR DF) (DL DB) $/ (3,3) / (0,-3) / (1,-5) / (4,-2) / (-2,1) / (3,3) /$ [7 18]
		(UR UF UB) (DR DF) (DL DB) $(0,-1) / (0,-3) / (1,1) / (5,-3) / (3,0) / (-5,0) / (0,5) / (0,-3) / (-1,0) / (0,-5)$ [9 21]
		(UR UB UF) (DR DF) (DL DB) $(0,-1) / (1,0) / (0,3) / (0,-5) / (5,0) / (-3,0) / (-5,3) / (-1,-1) / (0,3) / (0,-5)$ [10 21]
		(UL UR) (UF UB) (DL DR) (DF DB) $(1,0) / (5,-1) / (3,3) / (1,1) / (3,-3) / (5,0)$ [5 15]
		(UL UB UF) (DL DR) (DF DB) $(1,0) / (-1,5) / (3,1) / (-3,0) / (0,5) / (0,-5) / (3,0) / (-5,0) / (0,-3) / (5,0)$ [9 21]

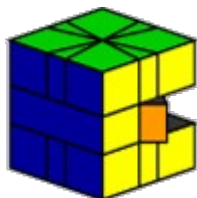
		(UR UB UF) (DL DR) (DF DB) $(1,0) / (0,3) / (5,0) / (-3,0) / (0,5) / (0,-5) / (3,0) / (-3,-1) / (1,-5) / (5,0)$ [10 21]
		(UR UB UF) (DL DF DB) $(1,0) / (5,-1) / (-5,1) / (-3,0) / (0,3) / (-1,-1) / (1,-2) / (-4,0)$ [7 19]
		(UR UF UB) (DR DB DF) $(1,0) / (-1,5) / (0,-3) / (-5,-5) / (-3,0) / (5,0)$ [5 13]
		(UL UF UB) (DR DF DB) $(1,0) / (3,0) / (5,5) / (0,3) / (1,-5) / (5,0)$ [5 13]

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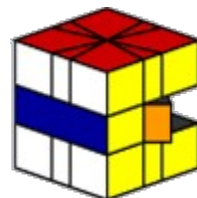
Square-1 还原最后一步了



$(1,0) / (6,6) / (-1,0)$



$/ (6,0) / (6,0) / (6,0)$



$/ (6,0) / (0,6) / (-1,-5)$

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