	i = 0	1	2	3	4	5
S	0	0	0	0	0	0
U	-	1	1	1	1	1
V	-	2	2	2	2	2
X	-	4	2	2	2	2
Y	-	-	4	3	3	3
Z	-	-	5	4	4	4