L1: \$1-\$2-\$3-\$4-\$5-\$6-\$7-\$8-\$15-\$22

L2: S1-S11-S12-S13-S14

L3: S1-S10-S9-S8-S15

L4: S2-S16-S17-S18-S19-S20-S21

