Questions

2.2) 6n

3.2) For the method “solvedStates (rotate "xyzxyz" '((1 1) (2 1) (3 1) (4 1) (5 3) (6 3) (7 3) (8 3))) 0)” the CPU usage was averaging 20% with a 2% increase and decrease sometimes. The CPU idle before program execution was 2%. Memory was very stable at 30% with a seldom change of 1% either way. The memory usage was relatively low while CPU usage was more expected as the program is using a single core only. CPU usage is high for single core as for each for each genStates, there is 6n computations. My method, genStates, is very inefficient as I use a helper function to remove extra parentheses which is computationally heavy and slow to process.

4)