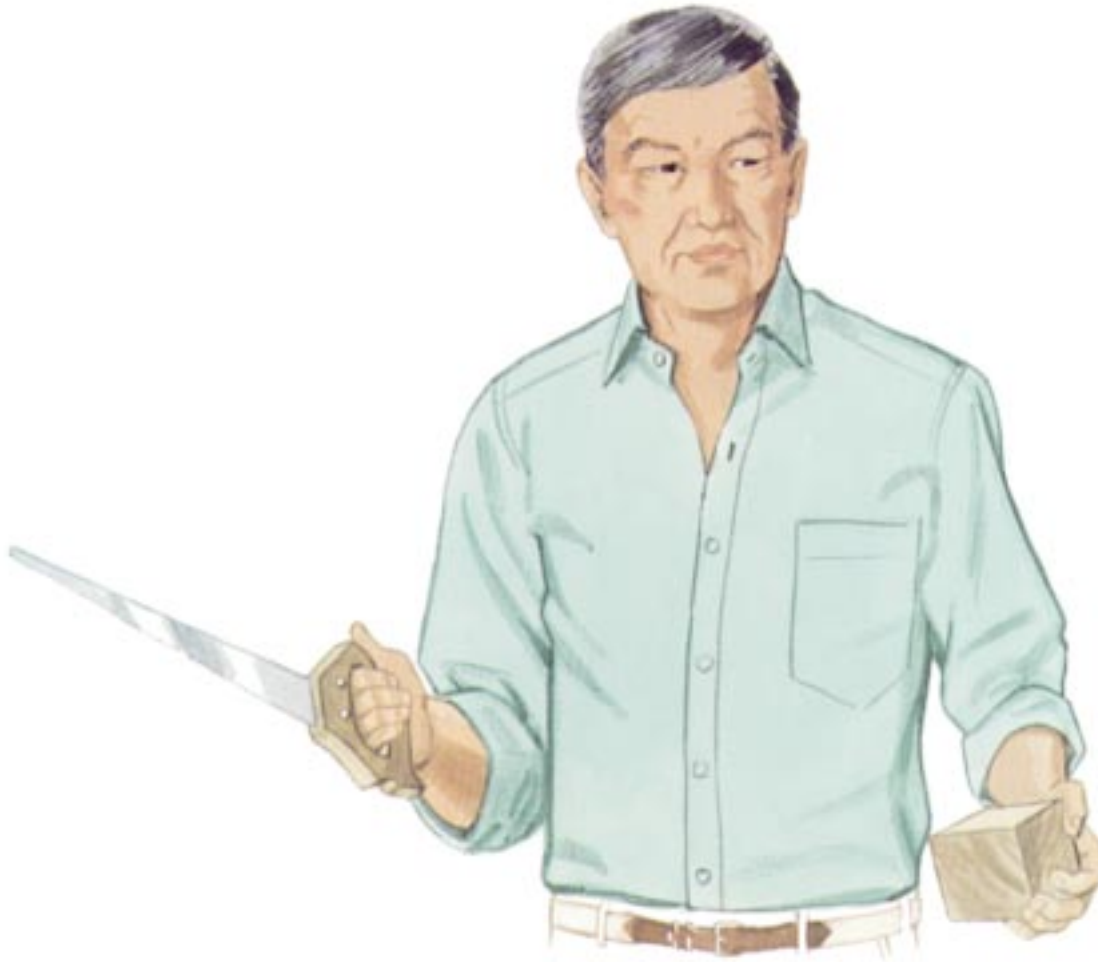


The Problem

Mr. Lim had a large wooden cube that measured 4 inches on each edge. He wanted to cut it into 64 smaller cubes that measured 1 inch on each edge. If he rearranged the pieces before each cut, what is the least number of cuts he would have to make?



Strategies and Hints

1. Simplify the problem.
2. Are there fewer cuts if Mr. Lim is allowed to restack the cubes?