Problem of the Week
Problem A
Block Furniture

The Suite Deal Furniture company is famous for their best selling block furniture that is built out of interlocking wooden cubes.

A) Use the diagram below, to determine the number of blocks required to build the chair.

B) Suite Deal wants to make a larger chair, by increasing the leg height by 1 and the seat width and depth by 1. How many blocks are required to build the larger version?