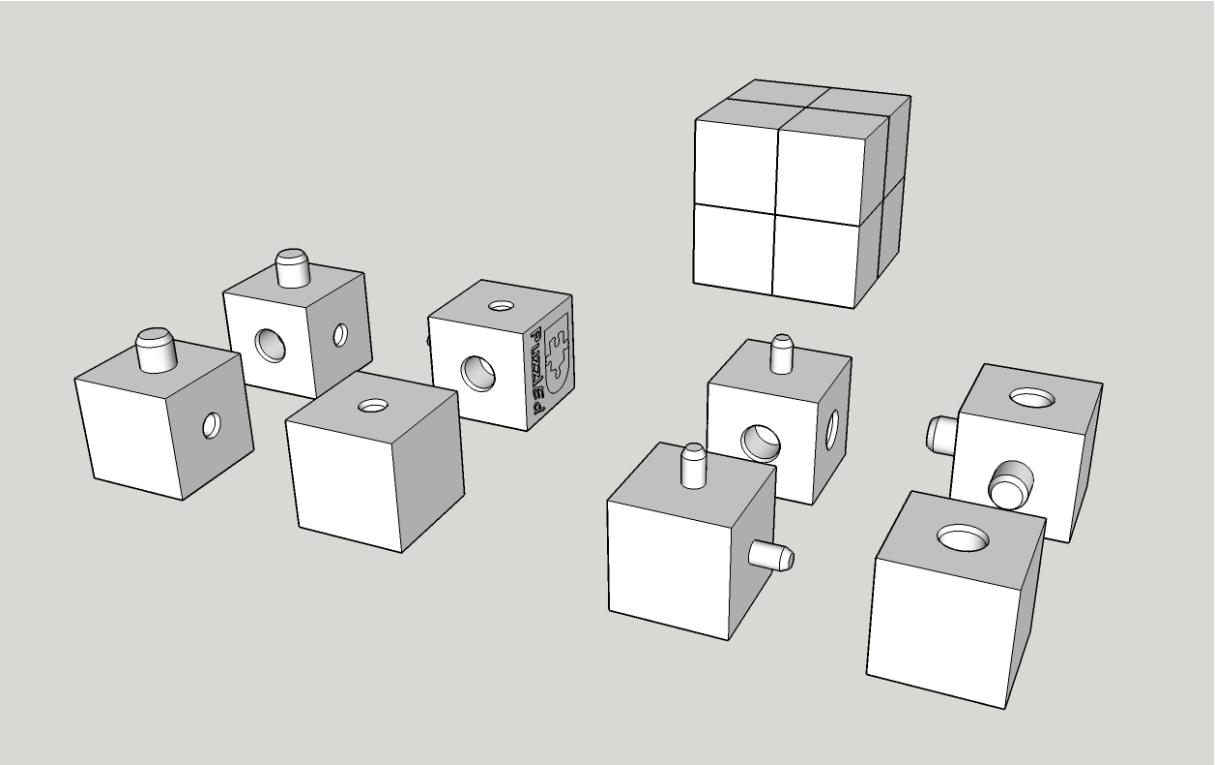
Q-bit

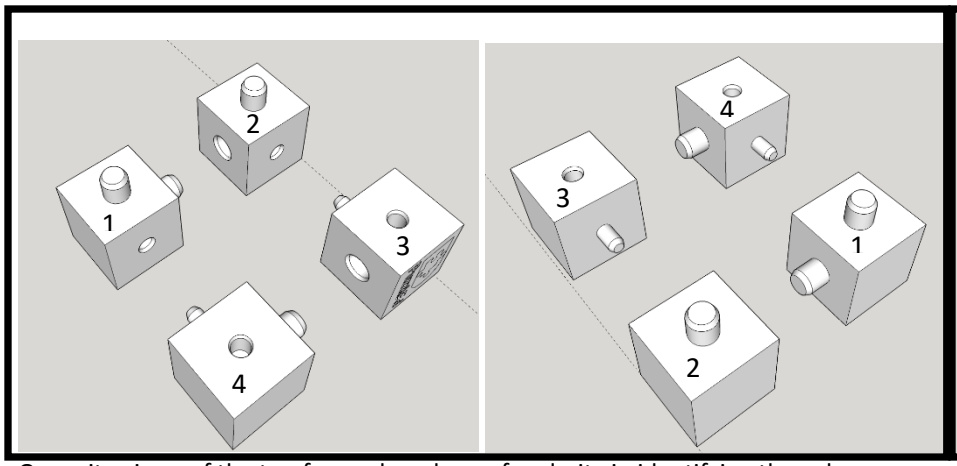


Goal: Put the eight individual blocks together into one 2x2x2 cube.

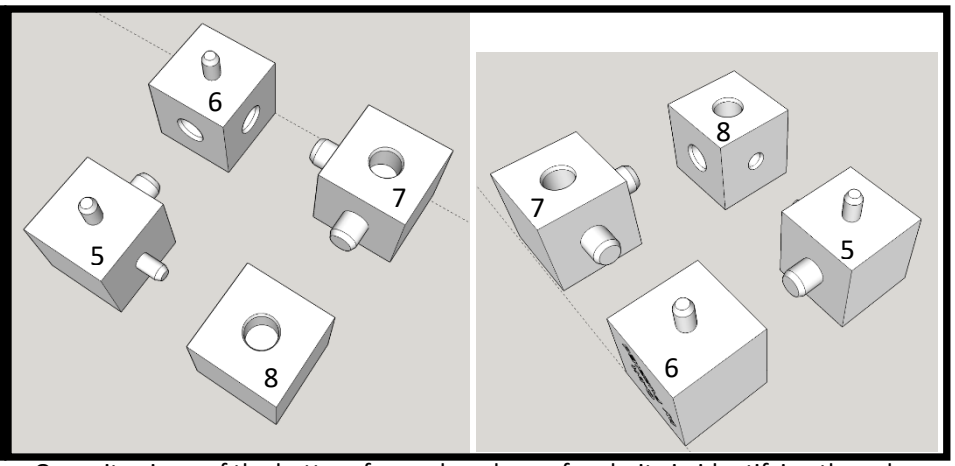
How it works: Each of eight blocks has a different combination of pins and openings on three sides. The pins and openings are of two different diameters. The object is to put the blocks together by matching the appropriate pins with their matching sized holes on adjacent blocks until all can be arranged into a 2x2x2 cube.

Strategy: Work in pairs to first get four of the cubes together to form half a cube, and then put the other four together into a pattern of pins and holes to allow the two halves to go together to form a cube. If a combination is not found on the first try, often swapping a couple of the cubes will result in a successful solution. There are multiple solutions to this puzzle, although it sometimes takes a few trials to find one.

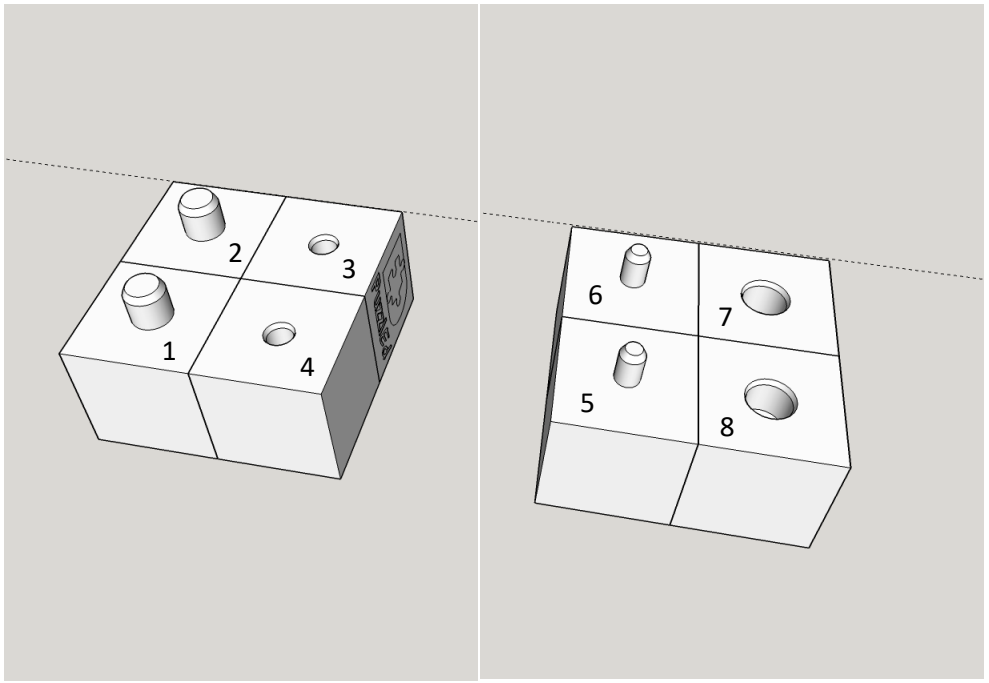
One solution is shown on the back.



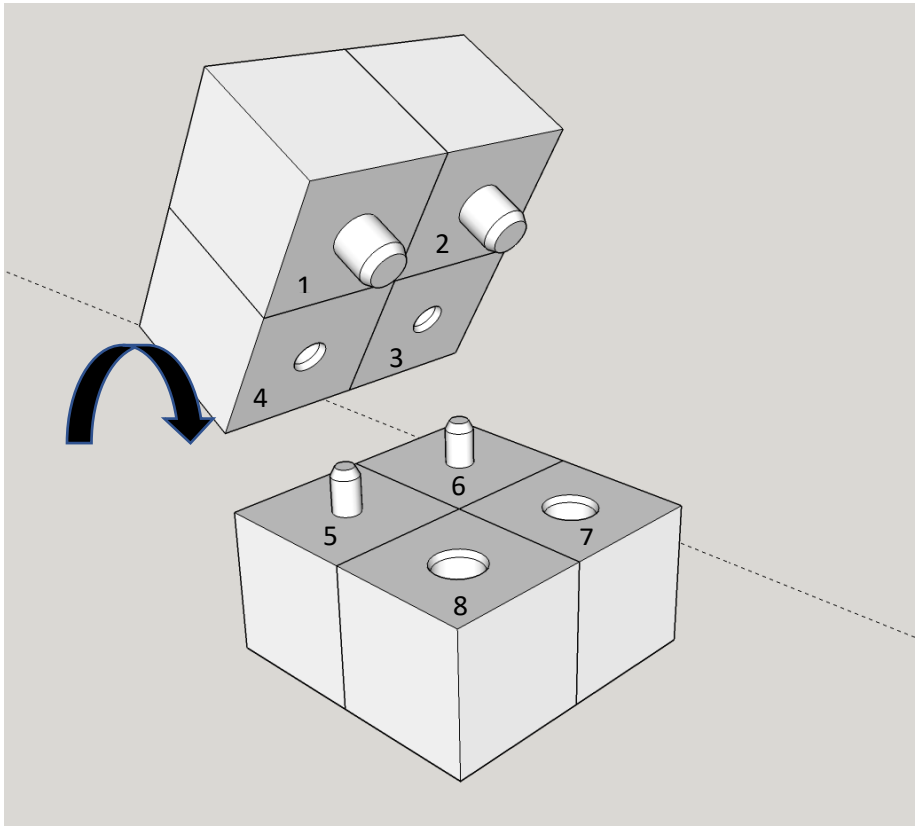
Opposite views of the top four cubes shown for clarity in identifying the cubes



Opposite views of the bottom four cubes shown for clarity in identifying the cubes



Top and Bottom halves put together



Lift the top half and flip it onto the bottom half to complete the cube