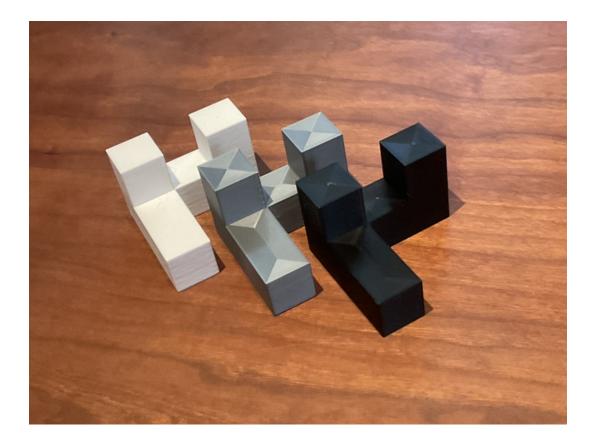
DMP Notes K. Sutner

## Cube Puzzle

2024/06/07 v0.1

Here is a picture of 3 congruent shapes, each composed of 7 unit cubes. The goal is to arrange them in a way that they fit inside a  $3 \times 3 \times 3$  cube.



Do it, and then explain why this is somewhat difficult. Is the solution unique?