## Minuet Solution <br> George Hart IPP-38

http://georgehart.com/puzzles


The thirty parts lock together to make a symmetric orb. The image above is a guide. Be sure every piece is facing the same direction. Either clockwise or counterclockwise works, but all must be the same. The parts lock end-to-end as shown. There is a lock above the center of each piece. Note that there are 5 -sided openings and 3 -sided openings, but no 4 -sided ones.


Continue adding pieces one at a time. You can add a piece under any existing joint as indicated above, then continue it (with four more parts) to make a pentagon. In the end, there are six pentagons and every pair of pentagons links like two links of a chain.

The last piece can be wiggled in to place if the joint above it is first temporarily opened. No force is required. It is a dexterity challenge to assemble, but holds together firmly after the last piece is inserted.

