## Rubik 2x2x4 Tower



Made in Japan, purchased from Mefferts 2010. (plastic, 1.7" x $1.7^{\prime \prime} \times 3.4^{\prime \prime}$
green opposite yellow, red opposite orange, white opposite blue)
Unlike Rubik $2 \times 2 \times 3$, 90 degree turns on the long dimension can lead to jumbled shapes; here is a sequence of three 90 degree turns:


## Solutions:

1. Return the puzzle to the correct shape.

One approach is to think of this as a $2 \times 2 \times 2$ cube formed by the center portion with stuff hanging off of it, and employ Rubik $2 \times 2 \times 2$ transformations.
2. Use a solution for Rubik 3x3x4.
(Steps to correct edge pieces can be omitted).

