Axel Cube



Designed by Adam G. Cowan, purchased from Mefferts, 2010. (plastic, 2.2 inches; yellow opposite white, green opposite blue, orange opposite red)

This puzzle works like a *Rubik's* $3x_3x_3$ *Cube*, where looking at each face there are three layers that can turn. Here are two views from the top of the two layers turned.



Any move makes a non-square shape, and successive moves make a completely jumbled shape. Here is a sequence of three moves, a clockwise rotation of the back layer, followed by a clockwise rotation of the front layer, followed by a clockwise rotation of the lower right layer:



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