## Rubik's Tangle 5x5, Versions 1, 2, 3, 4



*Rubik's Tangle 1, 2, 3, and 4, Matchbox 1990.* (Box and twenty seven 2 inch cardboard squares.)

Arrange 25 squares in a 5x5 array so that edges match. Each square has the same pattern of 4 tangled ropes that has two connections on each edge. There is one square for each of the 24 possible combinations of the 4 colors (red, green, blue, and yellow), and one duplicate square. The only difference between Rubik's Tangle 5x5 Versions 1, 2, 3, and 4 is which piece is duplicated. By taking three pieces from a spare set, a single set of 28 squares can be made where three of the duplicates are left out to make one of the 4 puzzles. Below is a set made by starting with a Version 3 and adding three squares taken from a Version 2; the four duplicate squares have been labeled with a number on the back.



## **Further reading:**

Jaap's Page, from: http://www.geocities.com/jaapsch/puzzles/tangle.htm Thurston Patent, from: www.uspto.gov - patent no. 487,798 Rankin Patent, from: www.uspto.gov - patent no. 606,338

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