Text Session: The Dotsville World

Dotsville consists of 24 cells layed out in 4 rows of 6 columns, referenced by row indexes 1 2 3 4 and column indexes 1 2 3 4 5 6. Row 1, the lowest row of dots, is considered to be on the table. One "dot" can be placed in each cell. Dots are actually colored squares, with colors drawn from the set {red, blue, green, orange, yellow, purple}. For example, you might imagine a state of Dotsville to be represented by the following image: