

Pattern 1

**The ratio of green to red is 5:4.**

**The ratio of green to blue is 10:1.**

**The ratio of red to yellow is 4:3.**

**The pattern has two lines of symmetry.**

**The column on the left does not have any red squares.**

**The ratio of yellow to green is 3:5.**

**There is only one blue square.**

**The column on the right does not have any yellow squares.**

**The centre row does not contain any red squares.**

**The bottom row contains two red squares.**

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## Pattern 2

**The ratio of red to green is 7:6.**

**All four corner squares are the same colour.**

**The ratio of green to blue is 1:1.**

**The squares at the ends of the centre column are yellow.**

**The ratio of red to yellow is 7:6**

**The pattern has one line of symmetry.**

**The column on the left has two red squares.**

**The ratio of yellow to green is 1:1.**

**One of the diagonals is completely red**

**The squares at the ends of the centre row are yellow.**

**The top row is the same as the bottom row.**

**The left column is the same as the right column.**

**Every fourth square is blue (reading from left to right like reading a book).**

**The square in row 2 column 2 is yellow.**

**Neither diagonal has any blue or green squares.**

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**Pattern 3**

**The ratio of red to green is 9:4.**

**The pattern has rotational symmetry of order 2.**

**The yellow square in the bottom row is to the left of the green square in that row.**

**The ratio of green to yellow is 1:2.**

**The first two squares of the fourth row are the same as the first two squares of the fifth row.**

**There are three times as many reds as greens in the top row.**

**The ratio of blue to green is 1:1.**

**There are no blues in the bottom row.**

**The central column is red.**

**The ratio of yellow to red in the centre row is 4:1.**

**The two squares at the right of the 4th row are blue.**

**All of the red squares in the top row are to the left of the green square in that row.**

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