

Mathematical Recipes

Algebra Recipe 2

$$\begin{aligned} r &= y^2 - 4 \\ y &= b + 2 \\ b &= 1 \\ p &= 3b - 2 \end{aligned}$$

r = number of red cubes
 y = number of yellow cubes
 b = number of blue cubes
 p = number of pink cubes

Algebra Recipe 4

$$\begin{aligned} b &= 2(y^2 + 5) - 12 \\ y &= 2g - 2 \\ g &= 2 \\ p &= b - 4 \end{aligned}$$

b = number of blue cubes
 y = number of yellow cubes
 g = number of green cubes
 p = number of pink cubes

Algebra Recipe 1

$$\begin{aligned} r &= 2p + 1 \\ p &= 2(b - 1) \\ b &= 3 \end{aligned}$$

r = number of red cubes
 p = number of pink cubes
 b = number of blue cubes

Algebra Recipe 3

$$\begin{aligned} g &= b^2 - 6y \\ b &= 2y \\ y &= 2(6 - 5) \end{aligned}$$

g = number of green cubes
 b = number of blue cubes
 y = number of yellow cubes

