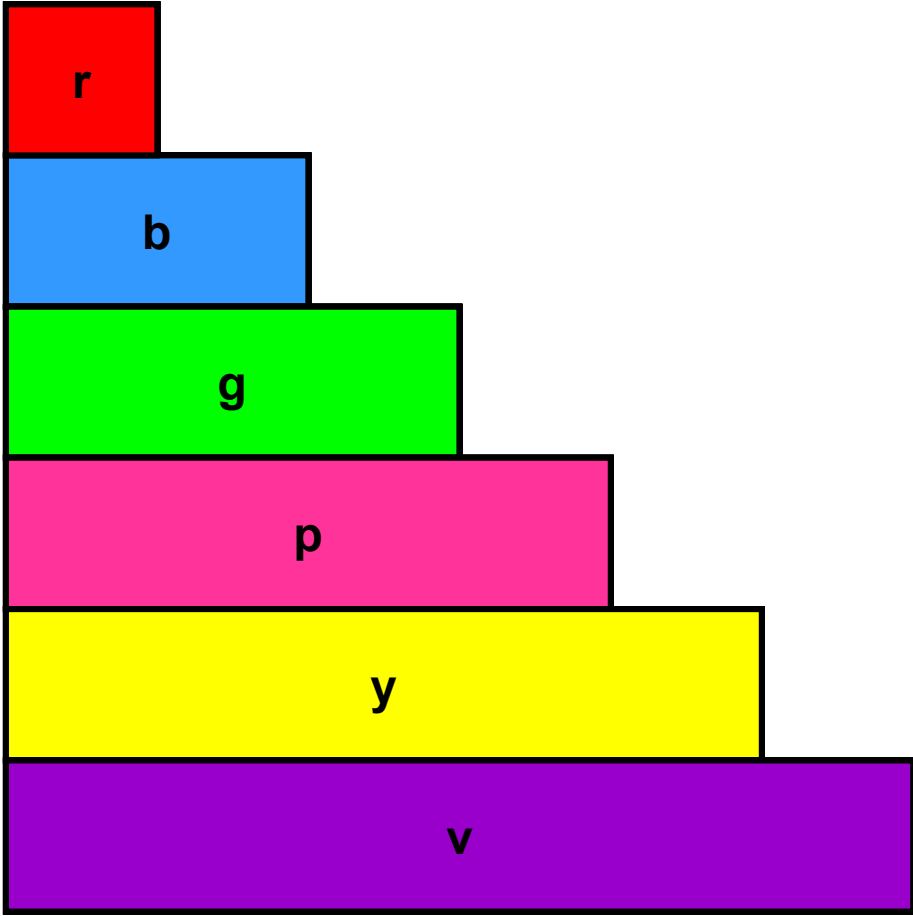


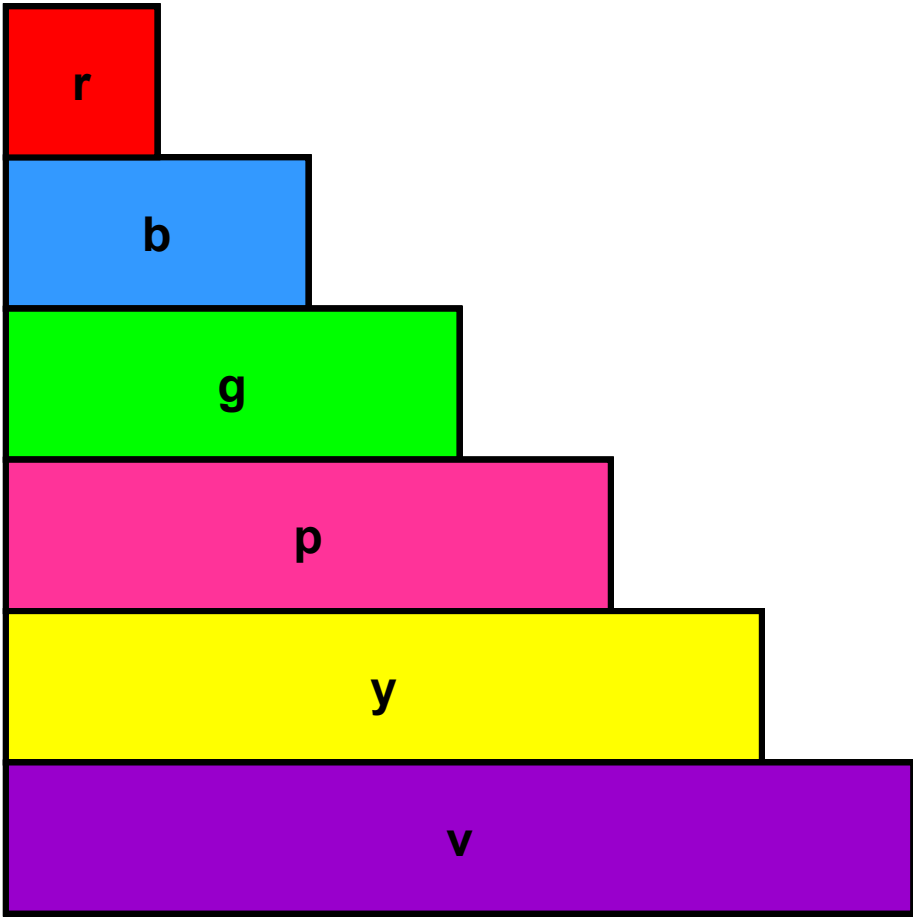
# The Wonderful World of Algebra

**Part one: Writing Equations**

# Learning Objectives

- To be able to write and construct equations
- To begin to understand how to Collect Terms

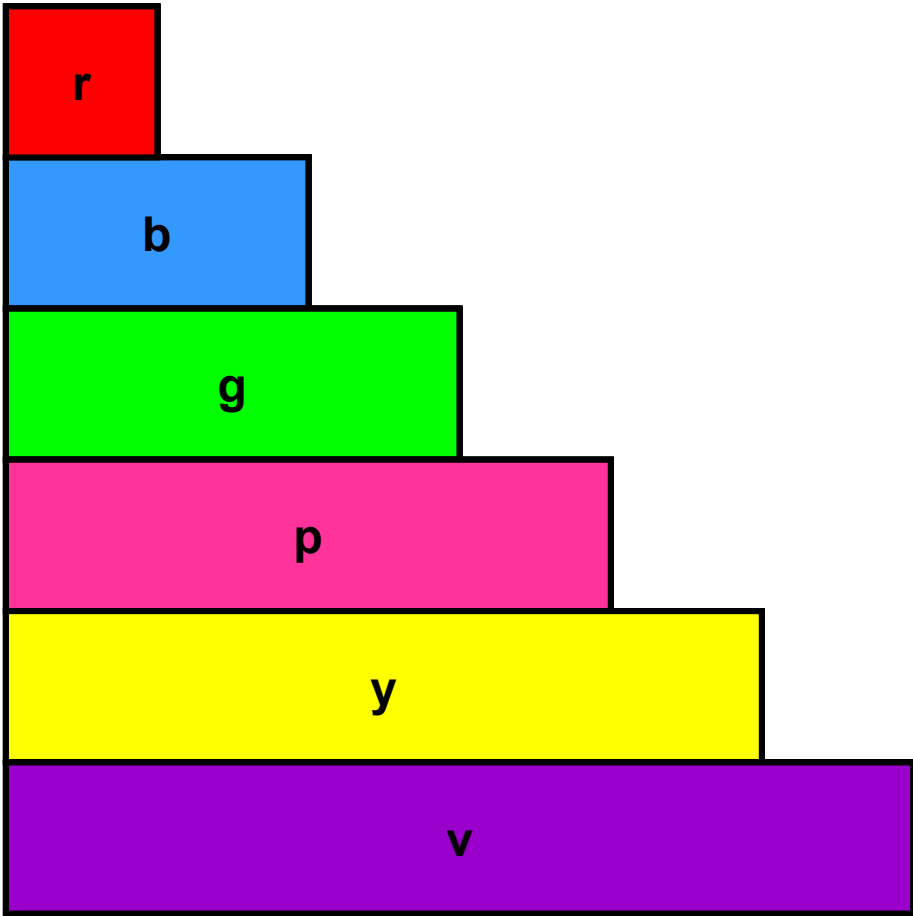




p =

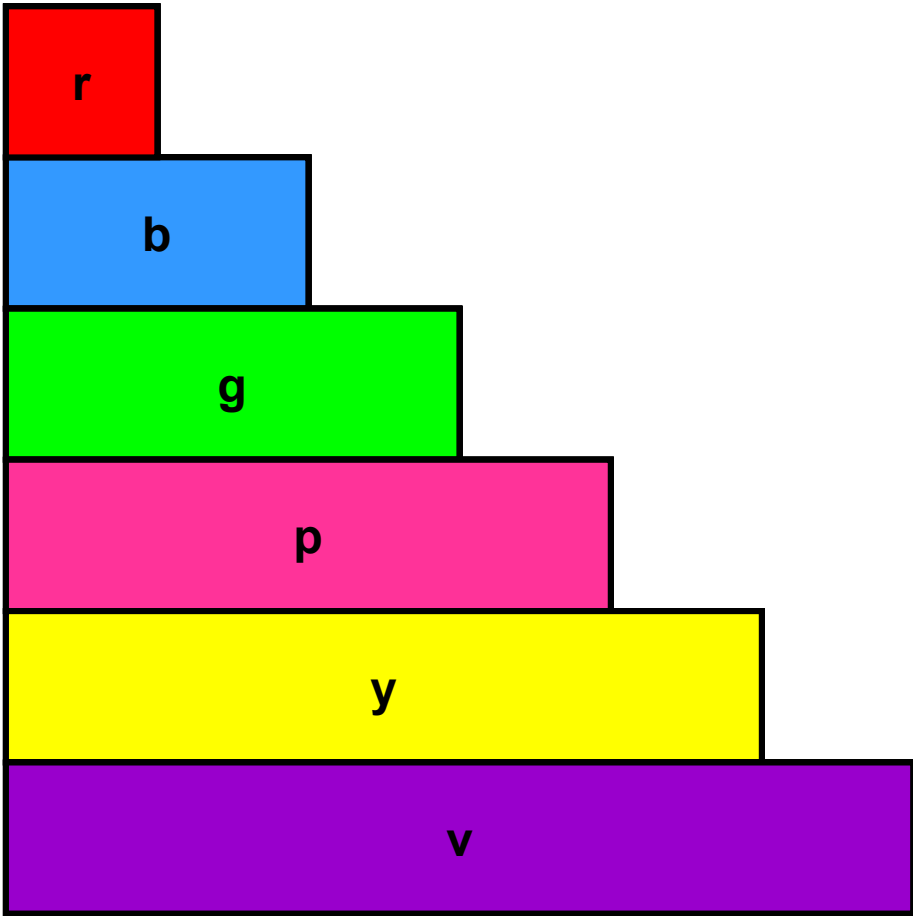
b =

v =



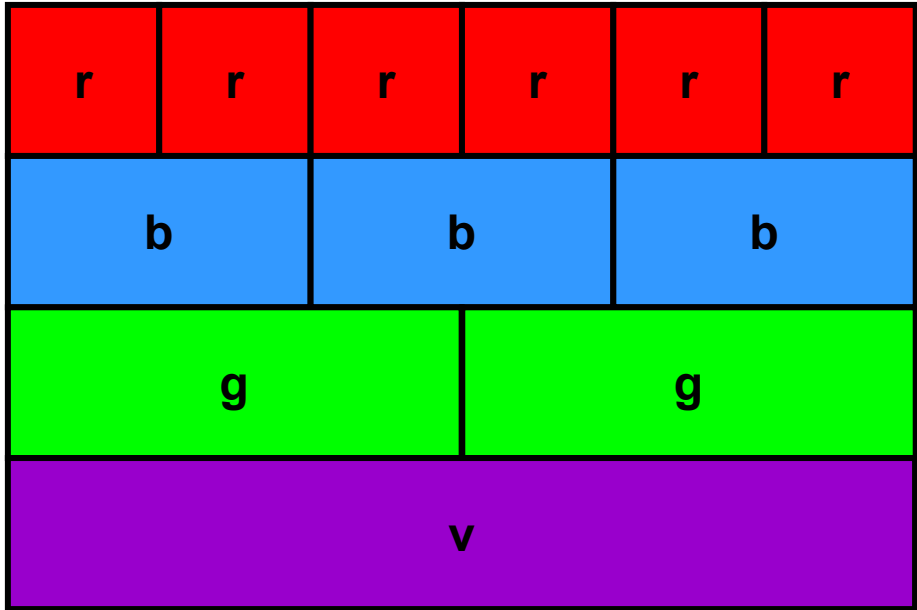
What is.....

$$2y - p = v$$

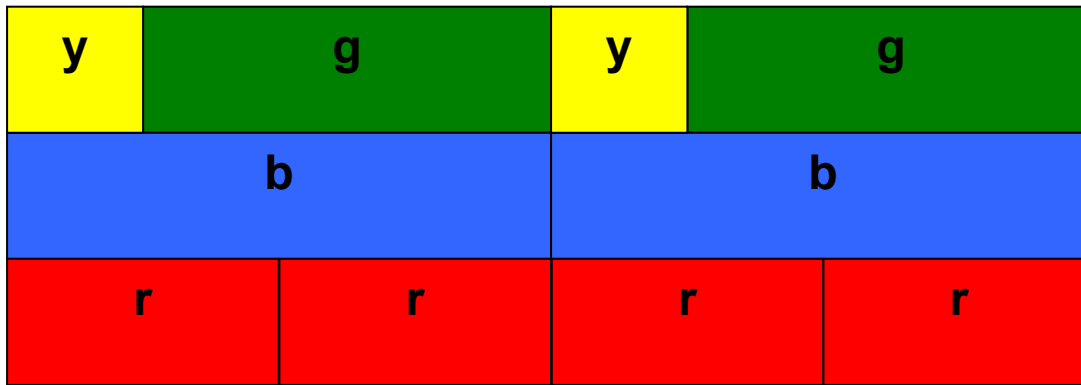


What is.....

$$\frac{v}{2} = g$$



Look at this diagram:



Which of these equations are true and which are false?...

1.  $b = g + y$

2.  $g = 2r$

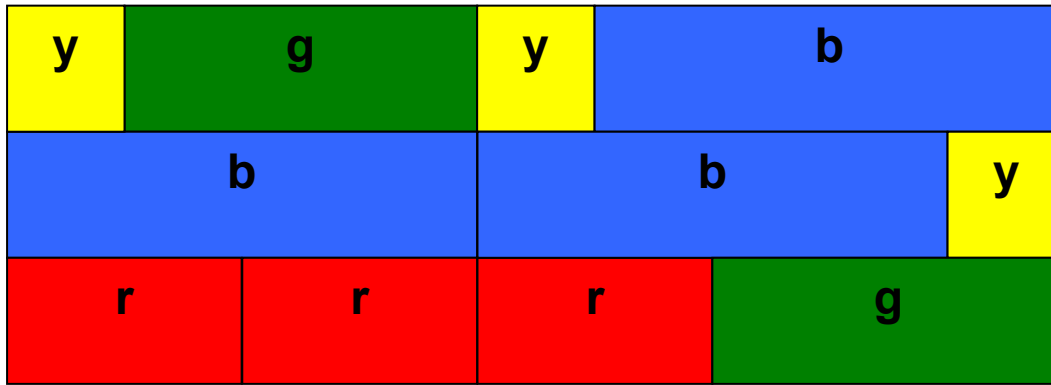
3.  $b - g = y$

4.  $2y + 2g = 4r$

5.  $2(y + g) = b + 2r$



Look at this diagram:



Which of these equations are true and which are false?...

1.  $g + 2y = 3r$

2.  $g + r - y = b$

3.  $3r + g - 2b = y$

4.  $b - g = y$

5.  $3r + g - 2b = b - g$



# Learning Objectives

- To be able to write and construct equations
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