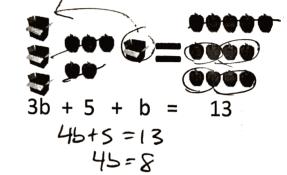
Exploration: Variables on Both Sides of an Equation	Exploration:	Variables on	Both Sides	of an Equation
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INSTRUCTIONS: For each problem, figure out how many apples would have to go in each box to make both sides equal. You must show your answer using the diagram AND using the equation.

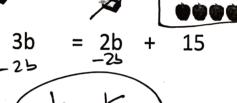
2)

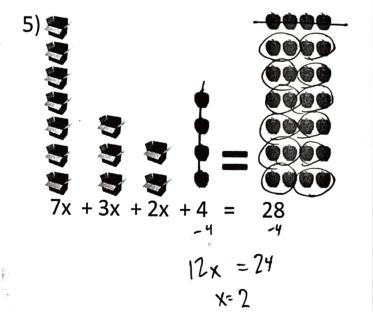


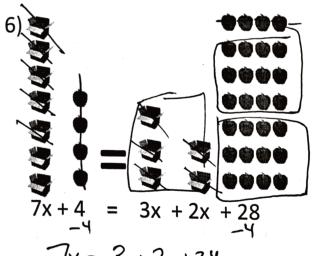
b=2

$$3b + 2b = \frac{5}{5}$$

4) 3 = 3







$$7x = 3x + 2x + 24$$

 $7x = 5x + 24$
 $2x = 24$
 $x = 12$

7) If 2 terms with a variable are on the same side of an equation, what should you do?

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Combine like terms