

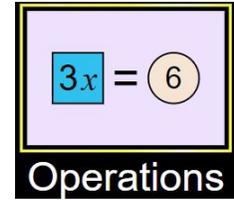
Activity 1 Click on the Basics icon. While exploring the Sim, answer the following questions:

<p>Compare the weight of the red ball to the blue block.</p>	
<p>Draw a picture to show the scale balanced with several red balls and blue blocks</p>	
<p>Draw a picture to show the scale tilted to the left with several red balls and blue blocks (you need to have objects on both sides)</p>	
<p>If I had a balance like the one below, what can you add to the right side to make it balanced?</p>	
<p>Write three comparison statements about your observations on the apples, oranges, and lemons.</p>	<p>Ex. 2 apples weigh more than 3 oranges or $2 \text{ 🍎} > 3 \text{ 🍊}$</p>
<p>Write three comparison statements about your observations on the turtle, cat, and dog</p>	

Activity 2 - DO NOT WRITE ON THIS SHEET

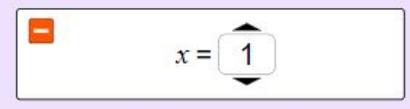
Partner Challenge

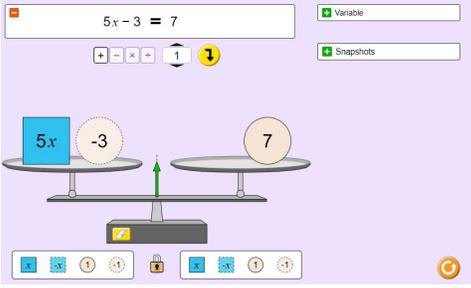
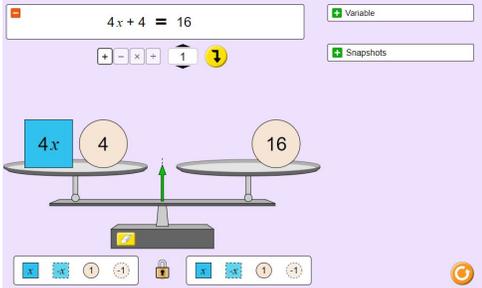
Part 1: Please pick up your partner questions from me. Each of you have 3 problems that I have given you.



Click on the Operations icon

Use the following steps to set up each problem for your partner.

1. Add variables and numbers to both sides of your balance to set up your problem
2. Set the value of x on the top right by clicking on the up/down arrow, till the scale balances. 
3. Collapse the box that shows the x value by clicking on the  so that the x value is not visible.
4. Click on the lock. (Your screen should look like the example in the first problem)
5. Have your partner solve for x by adding or removing items to both sides of the balance.
6. Check your partner's answer.
7. Now your partner will set up a problem for you to solve.
8. Repeat steps till you and your partner have solved all the problems I have given you.

Partner A	Partner B
$5x - 3 = 7$ 	$4x + 4 = 16$ 
$5x - 8 = 32 + x$	$-11 + 6x = 11x + 4$
$12x + 5 = 4x + 9$	$10 - 2x = 2x - 10$

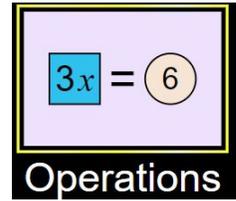
Solving Multi-Step Equations

Name: _____

Part 2: You will create 2 problems using the Sim, for your partner to solve.

You may use any method to create problems for your partner to solve. Make sure that your problems have variables on both sides.

Write down your problems below and describe, in your own words, the steps you took to create them.



	Problem	Steps I took to create my Problem
1		
2		

Activity 3: Time for games!



Class Challenge: Who can collect the most stars?

You may play this game individually or with a partner.

Click on the Solve it! Icon. Click on Level 4_x . Solve as many as you can in 20 minutes. If this level seems too challenging, please move to a lower level till you get comfortable with how the game works.