

Thank you for downloading the Variables on Both Sides Mystery Puzzle!

If you encounter an issue, whether a typo or a mathematical error or something else, PLEASE contact me and I will be more than happy to help sort it out. I want you to enjoy this product to the fullest. You can email me here: johanna@misskuipersclassroom.com

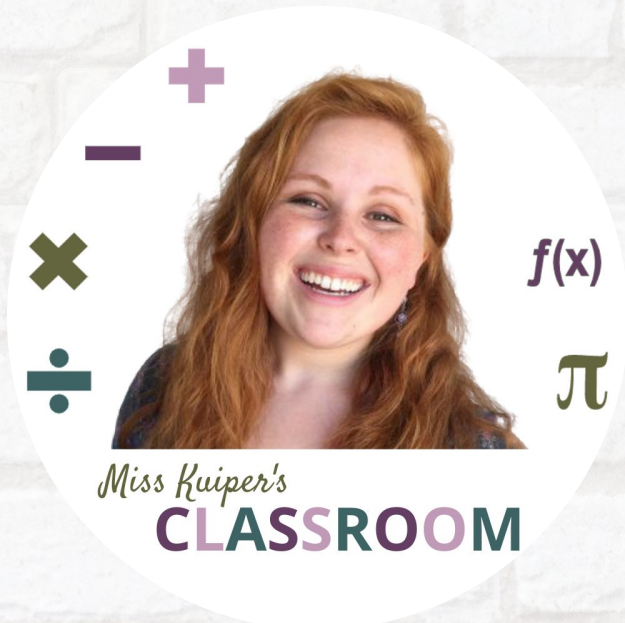


For more fun activities
[visit my TpT here](#)

8th Grade Math Activities

Algebra 1 Activities

Free Resources



These problems help students work on solving for x with a variable on both sides.

	Questions	Answers
1	$4x + 12 = 9x - 3$	
2	$3x + 12 = 6x - 3$	
3	$4x + 1 = 7x - 5$	
4	$6x + 16 = 2x + 28$	
5	$7x - 14 = 3x - 10$	
6	$5x - 12 = 2x - 9$	
7	$-x - 8 = 4x + 17$	
8	$6x - 7 = 4x - 7$	
9	$-5x - 15 = 2x + 48$	

All questions will end in an integer answer. No fractions or decimals!

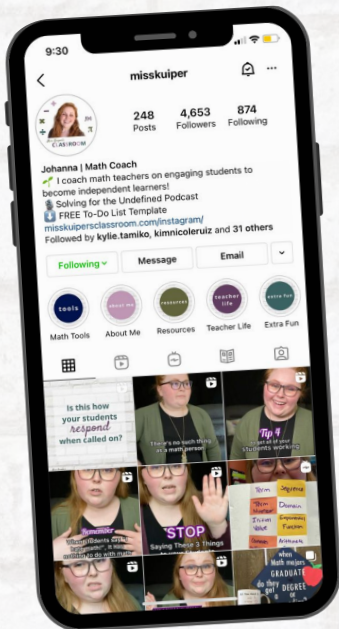
This is a self-checking activity. The immediate feedback will help students self-regulate their understanding.

	Questions	Answers
1	$4x + 12 = 9x - 3$	3
2	$3x + 12 = 6x - 3$	6
3	$4x + 1 = 7x - 5$	
4	$6x + 16 = 2x + 28$	
5	$7x - 14 = 3x - 10$	
6	$5x - 12 = 2x - 9$	
7	$-x - 8 = 4x + 17$	
8	$6x - 7 = 4x - 7$	
9	$-5x - 15 = 2x + 48$	

Turns **green** for correct answers and **red** for incorrect ones!

What's Next?

You can read about how to reach your low-level learners and build them up to grade-level!



Find me on Instagram!
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tips for math teachers

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Solving for the
Undefined