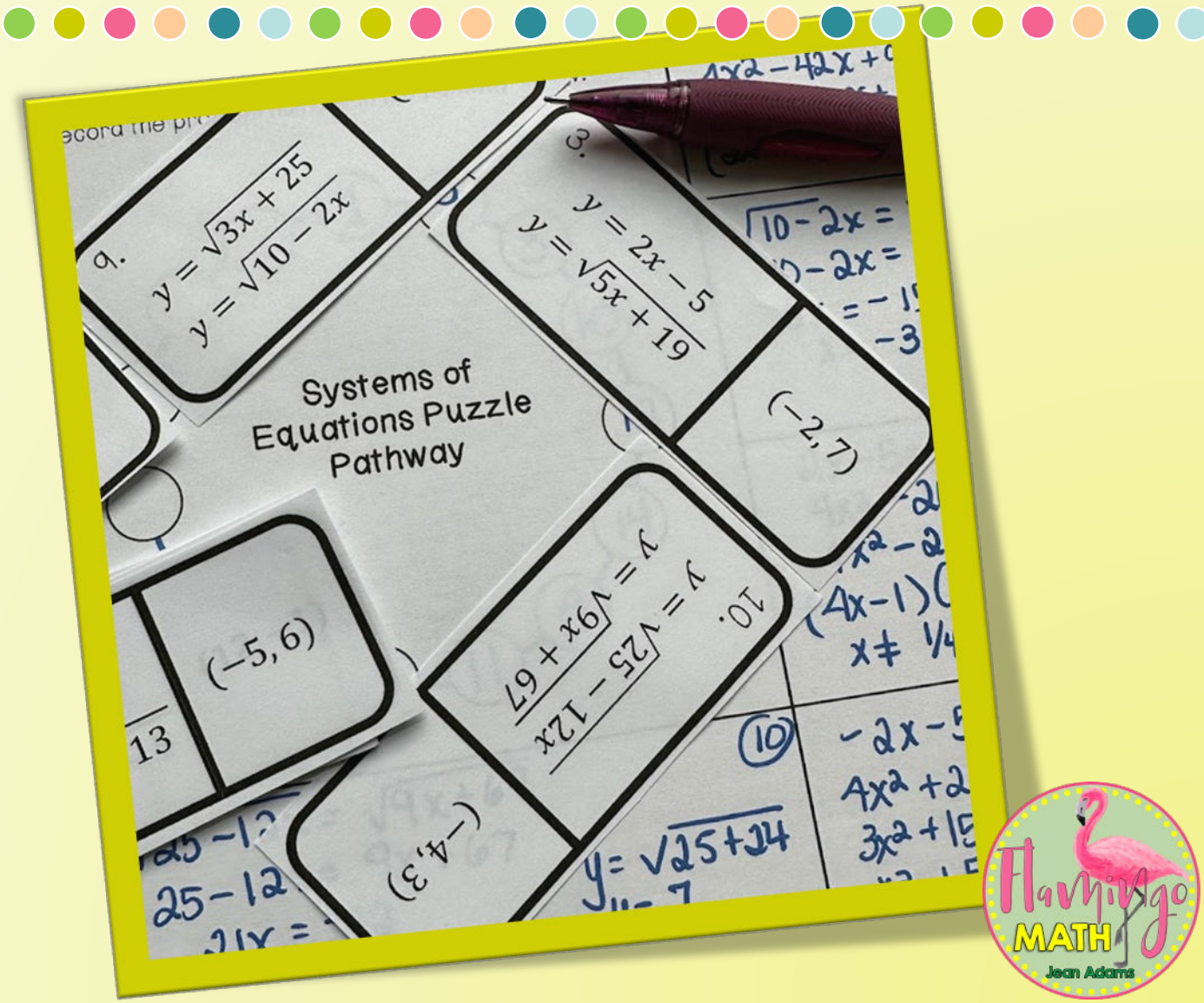
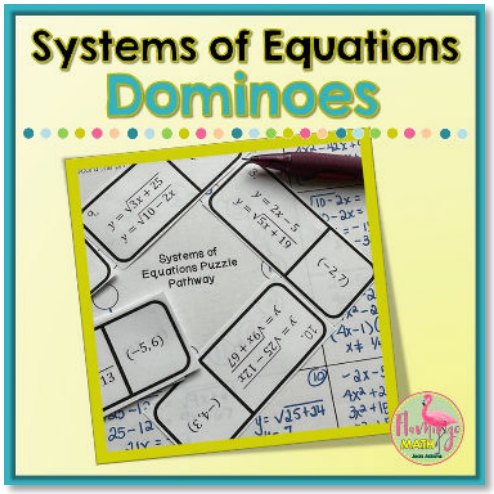
Systems of Equations Dominoes



Flamingo MATH
Jean Adams

Systems of Equations Dominoes



KEY CONCEPTS/TOPICS:

Review of systems of equations which include linear equations, square root functions, and quadratic equations.

GENERAL DIRECTIONS:

Your students will have a set of 15 dominoes related to your unit on solving systems of equations. Each domino will have an answer to a different question to lead through the scavenger hunt style circuit.

About The Product

This resource is designed to help your students gain proficiency in their ability to master the concepts and properties of solving systems of equations algebraically. When finished, the dominoes will follow a circular pathway. Students will have a response page to support their solutions.

There are 15 question stems in the activity:

1. As a unit review
2. As a cooperative activity with a partner.

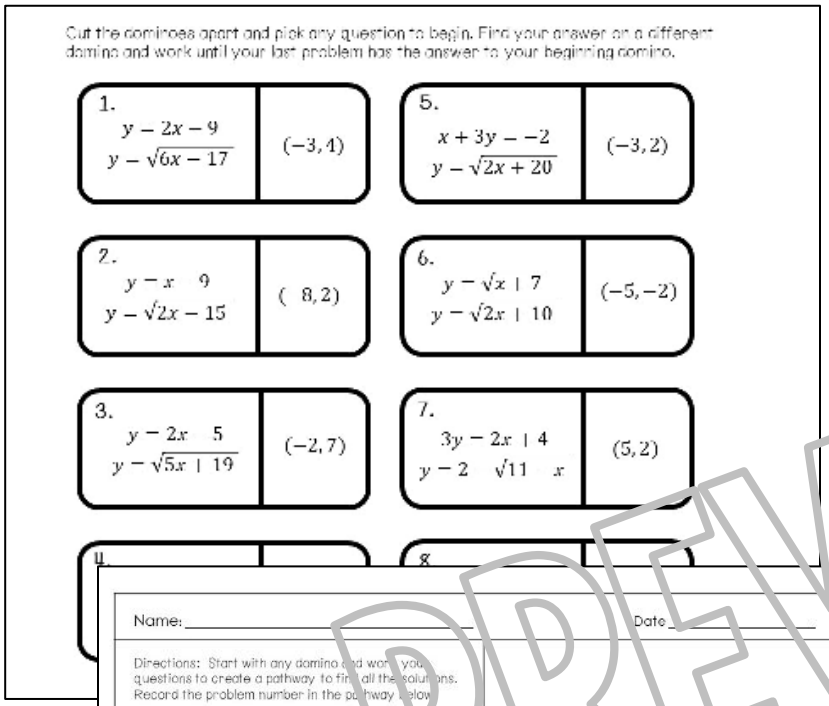
Learning Standards:

CCSS: HSA.REI.C.5; HSA.REI.C.6; HSA.REI.C.7; HSA.REI.D.11

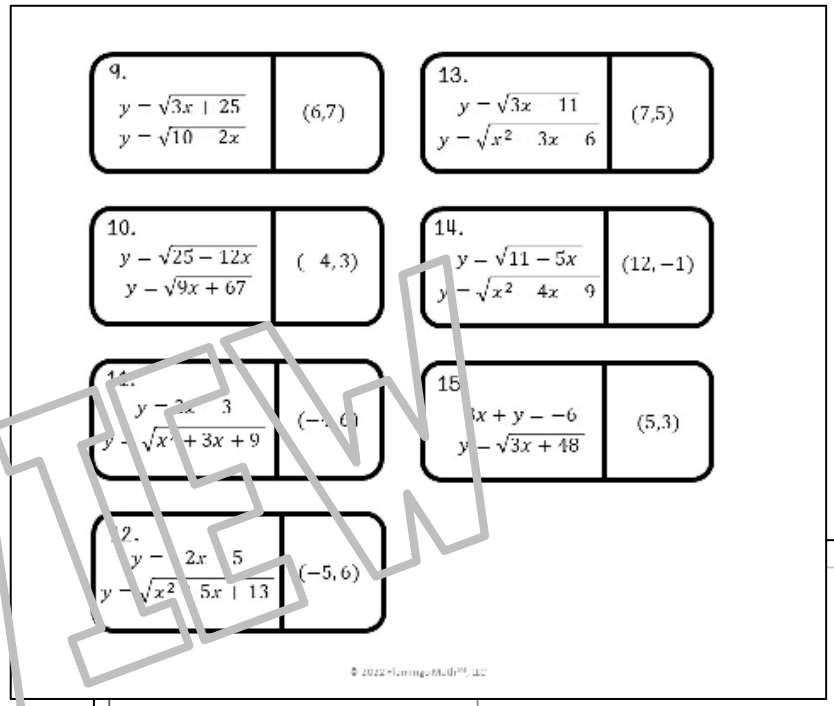
TEKS: A2.1(A), A2.1(C), A2.1(G), A2.3(A)

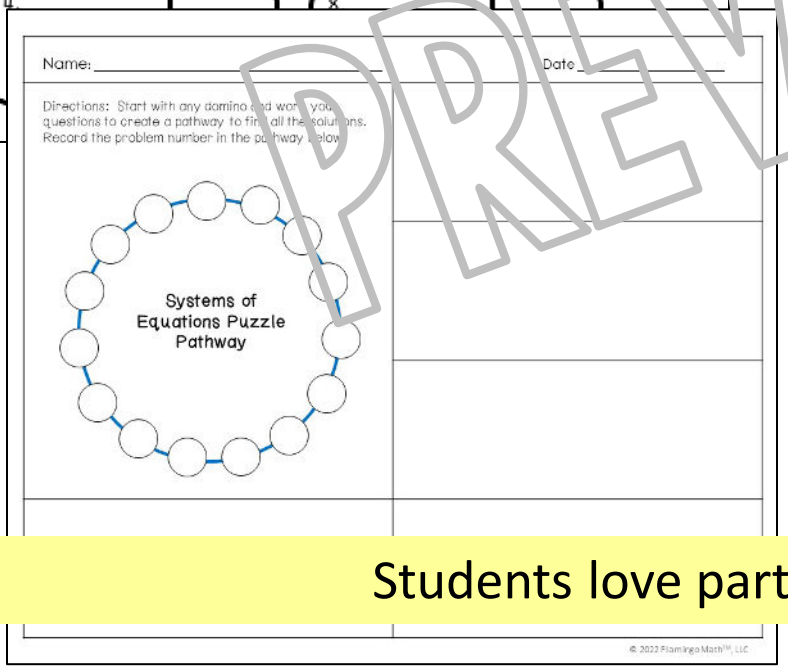
Product Pages

www.FlamingoMath.com


Cut the dominoes apart and pick any question to begin. Find your answer on a different domino and work until your last problem has the answer to your beginning domino.

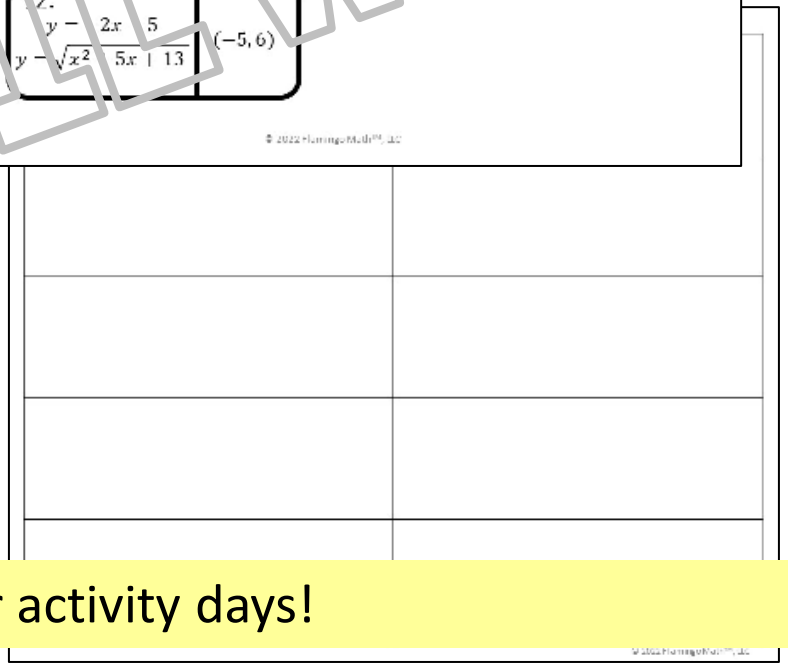
1.	$y - 2x - 9$ $y - \sqrt{6x - 17}$	$(-3, 4)$	
5.	$x + 3y - -2$ $y - \sqrt{2x + 20}$	$(-3, 2)$	
2.	$y - x \quad 9$ $y - \sqrt{2x - 15}$	$(\ 8, 2)$	
6.	$y - \sqrt{x} \mid 7$ $y - \sqrt{2x} \mid 10$	$(-5, -2)$	
3.	$y - 2x \quad 5$ $y - \sqrt{5x} \mid 19$	$(-2, 7)$	
7.	$3y - 2x \mid 4$ $y - 2 \quad \sqrt{11} \quad x$	$(5, 2)$	
4.			
8.			


9.	$y - \sqrt{3x} \mid 25$ $y - \sqrt{10 \quad 2x}$	$(6, 7)$	
13.	$y - \sqrt{3x \quad 11}$ $y - \sqrt{x^2 \quad 3x \quad 6}$	$(7, 5)$	
10.	$y - \sqrt{25 - 12x}$ $y - \sqrt{9x + 67}$	$(\ 4, 3)$	
14.	$y - \sqrt{11 - 5x}$ $y - \sqrt{x^2 \quad 4x \quad 9}$	$(12, -1)$	
11.	$y - 2x \quad 3$ $y - \sqrt{x^2 + 3x + 9}$	$(-4, 6)$	
15.	$3x + y - -6$ $y - \sqrt{3x + 48}$	$(5, 3)$	
12.	$y - \quad 2x \quad 5$ $y - \sqrt{x^2 \quad 5x \mid 13}$	$(-5, 6)$	


Name: _____ Date: _____

Directions: Start with any domino and work your questions to create a pathway to find all the solutions. Record the problem number in the pathway below.

Systems of Equations Puzzle Pathway



PREVIEW

Students love partner activity days!