

keep scrolling to
get a sneak peek!

Help your Algebra students practice identifying domain & range from graphs. Your students will benefit from being given choice when it comes to how they want to practice math!

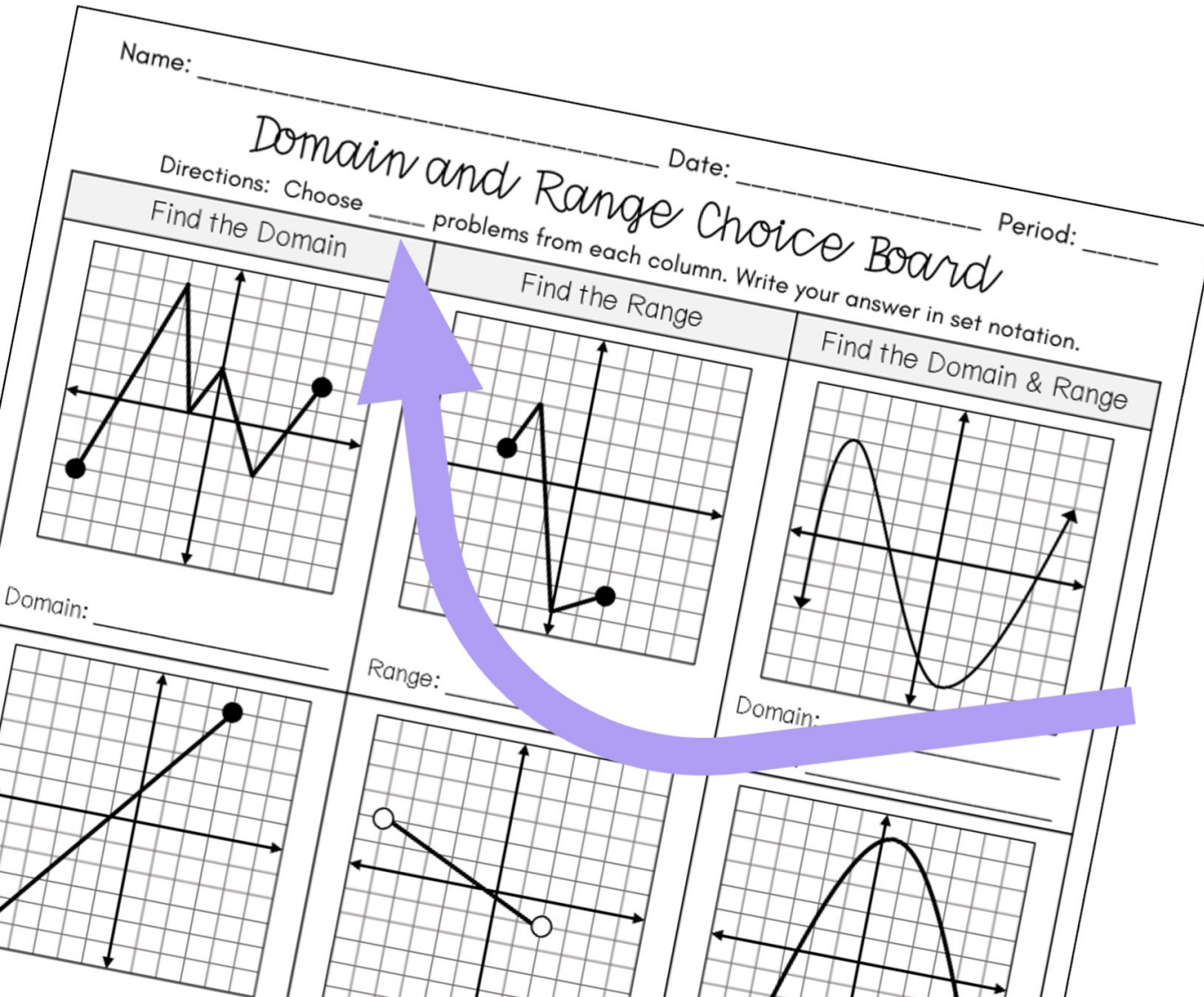
DOMAIN & RANGE

Choice Board

The image shows two overlapping worksheets for a 'Domain and Range Choice Board'. The top worksheet is an 'ANSWER KEY' and the bottom one is a blank version. Both worksheets have a title 'Domain and Range Choice Board' and a subtitle 'Directions: Choose ___ problems from each column. Write your answer in set notation'. The worksheets are divided into three columns: 'Find the Range', 'Find the Domain', and 'Find the Domain & Range'. Each column contains three problems, each with a graph on a coordinate plane and a grid. The graphs include a piecewise linear function, a parabola, and a line segment. The answer key shows handwritten answers for the first two problems in the 'Find the Domain' column: $\{x: -5 \leq x \leq 4\}$ and $\{y: -5 \leq y \leq 3\}$. A logo for 'Math with Ms. Rivera' is visible in the bottom right corner of the worksheets.

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Identifying Domain & Range Choice Board *includes:*



- ✓ 2 printable worksheets – in **set builder & interval notation**
- ✓ a detailed answer key
- ✓ 3 columns with 3 questions in each – 9 question total
- ✓ Spot to assign how many problems students need to complete

Identifying Domain & Range from Graphs Choice Board

standards covered:

CCSS: HSF-IF.A.1

TEKs: A1.2.A

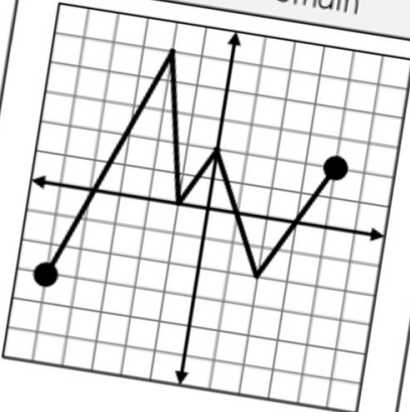
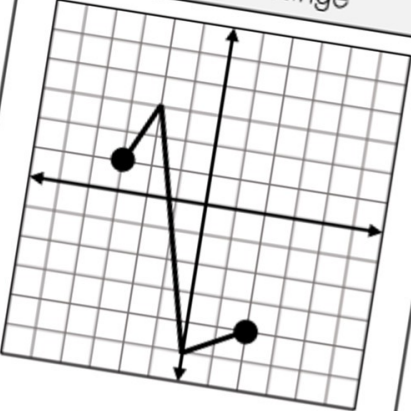
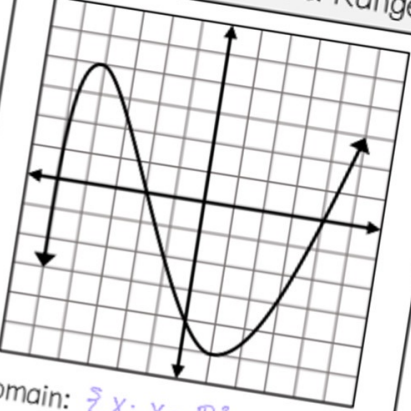
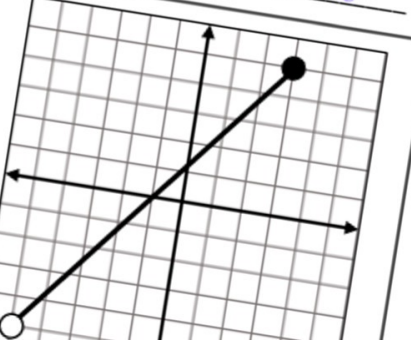
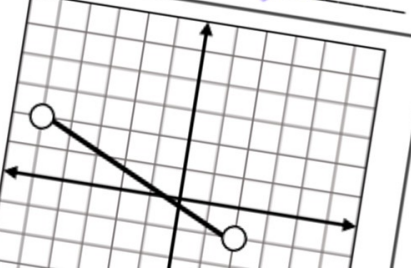
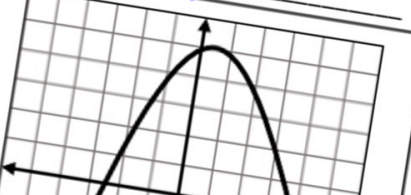
VA SOLs: F.A.7.b

Name: _____ Date: _____ Period: _____

ANSWER KEY

Domain and Range Choice Board

Directions: Choose _____ problems from each column. Write your answer **in set notation**.

Find the Domain	Find the Range	Find the Domain & Range
 <p>Domain: $\{x: -5 \leq x \leq 4\}$</p>	 <p>Range: $\{y: -5 \leq y \leq 3\}$</p>	 <p>Domain: $\{x: x \in \mathbb{R}\}$ Range: $\{y: y \in \mathbb{R}\}$</p>
		

how the choice board resource works

Assign students the number of problems they need to complete from each column.

Name: _____ Date: _____ Period: _____

Domain and Range Choice Board

Directions: Choose _____ problems from each column. Write your answer in set notation.

Find the Domain	Find the Range	Find the Domain & Range
<p>Domain: _____</p>	<p>Range: _____</p>	<p>Domain: _____ Range: _____</p>
<p>Domain: _____</p>	<p>Range: _____</p>	<p>Domain: _____ Range: _____</p>

Differentiate the choice board worksheet by reducing the number of problems assigned to show mastery.

Students can complete the any problems they want to in each column and in any order.

how to use this resource

This is a great individual practice activity to use when reviewing how to write domain and range from graphs in **set builder or interval notation**.

My favorite ways to use this choice board is for homework and math practice stations.

This is also a **substitute-friendly** assignment!

Name: _____ **ANSWER KEY** _____ Date: _____ Period: _____

Domain and Range Choice Board

Directions: Choose _____ problems from each column. Write your answer in **set notation**.

Find the Domain	Find the Range	Find the Domain & Range

Domain: $\{x: -5 \leq x \leq 4\}$

Name: _____ Date: _____ Period: _____

Domain and Range Choice Board

Directions: Choose _____ problems from each column. Write your answer in set notation.

Find the Domain	Find the Range	Find the Domain & Range

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Domain: $\{x: -5 < x \leq 3\}$

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Free Algebra Activities!

When you join my email list, I'll send you a free Algebra print & digital self-checking activities. There is an Algebra 1 and Algebra 2 version!

You'll also be getting exclusive freebies and content to help your Algebra students be successful this school year!

check it out!

The image shows a collage of algebra worksheets. In the foreground, a tablet displays a self-checking activity titled "Rational Expression Operations - Addition & Subtraction". The activity consists of a table with 8 rows of questions and answers, and a column for matching question numbers. A path of colored lines (teal, yellow, purple) starts from question 1 and ends at question 8, indicating a sequence of operations. The background shows several worksheets with titles like "ANSWER KEY", "ADDING & SUBTRACTING RATIONAL EXPRESSIONS", "MULTIPLYING & DIVIDING RATIONAL EXPRESSIONS", and "SOLVING SYSTEMS OF EQUATIONS".

#	Question	Answer	Type the matching question numbers here
1	$\frac{5}{x} + \frac{3}{x+1}$	$\frac{2x+1}{x+2}$	
2	$\frac{2}{x+4} - \frac{x^2}{x^2-16}$	$-\frac{1}{x^2-1}$	
3	$\frac{x+2}{x^2+4x+4} + \frac{2x}{x+2}$	$\frac{2x^2+2x+5}{x^2+x-2}$	
4	$\frac{x}{x-2} + \frac{3}{x-1}$	$\frac{-x^2+2x-8}{x^2-16}$	
5	$\frac{x}{4x+8} - \frac{1}{x^2+2x}$	$\frac{8x+5}{x^2+1}$	
6	$\frac{x+2}{x-1} + \frac{x-1}{x+2}$	$\frac{x^2-3x+7}{x^2-4}$	
7	$\frac{2x+1}{x^2-4} + \frac{x-3}{x+2}$	$\frac{x^2+2x-6}{x^2-3x+2}$	
8	$\frac{x^2+2x}{x^2-1} - \frac{x+1}{x-1}$	$\frac{x-2}{4x}$	



hey there!

My name is Malia and I'm passionate about making learning and practicing math fun. I love creating engaging math resources for my students and I hope your students enjoy this activity too!

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