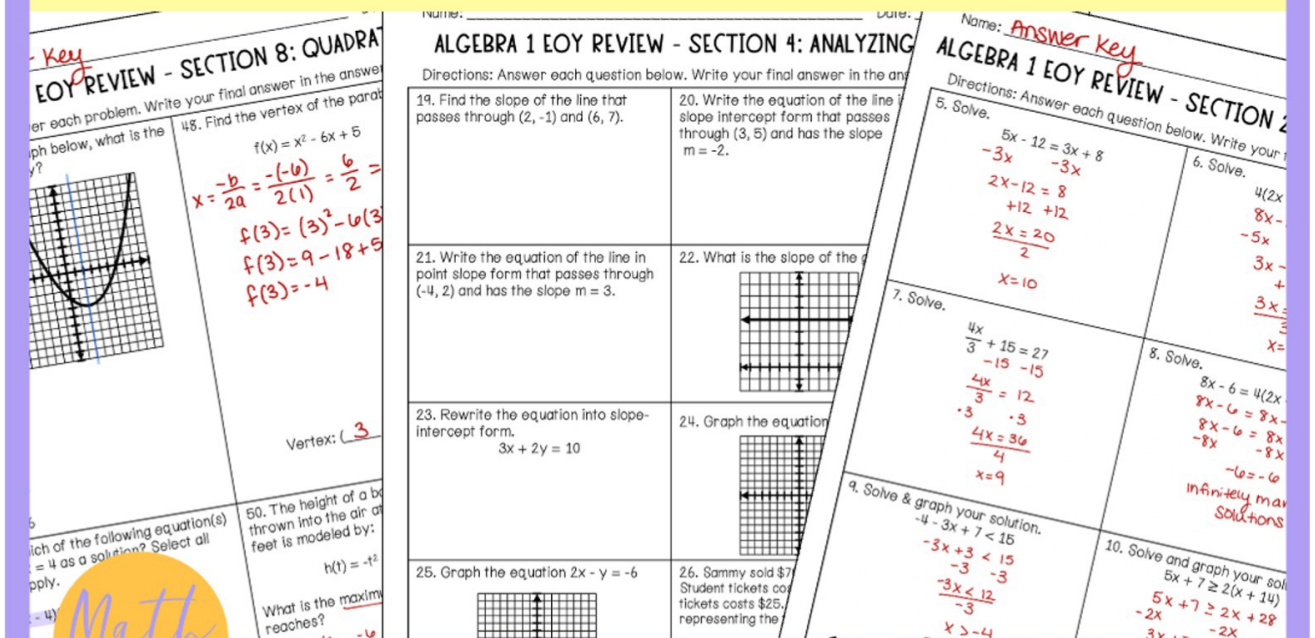
keep scrolling to get a sneak peek!

Help your students focus & be accountable for their review of the Algebra 1 content you taught! There are **100 questions over two versions** for students to practice different test style and open-ended questions.

Perfect for review days, homework, or extra practice **before the EOY & final exams!**

ALGEBRA 1 EOY REVIEW PACKET

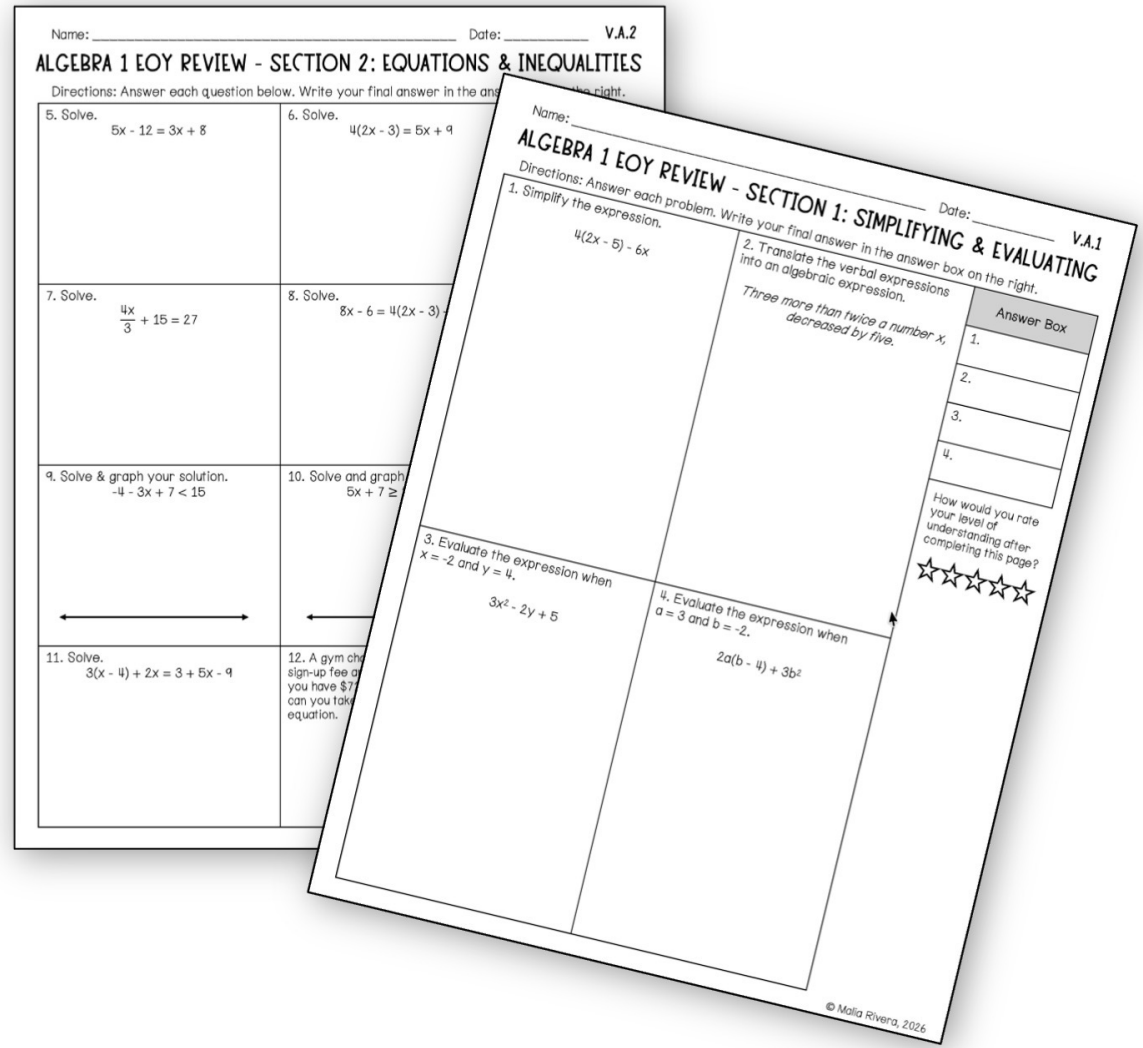
Test Prep



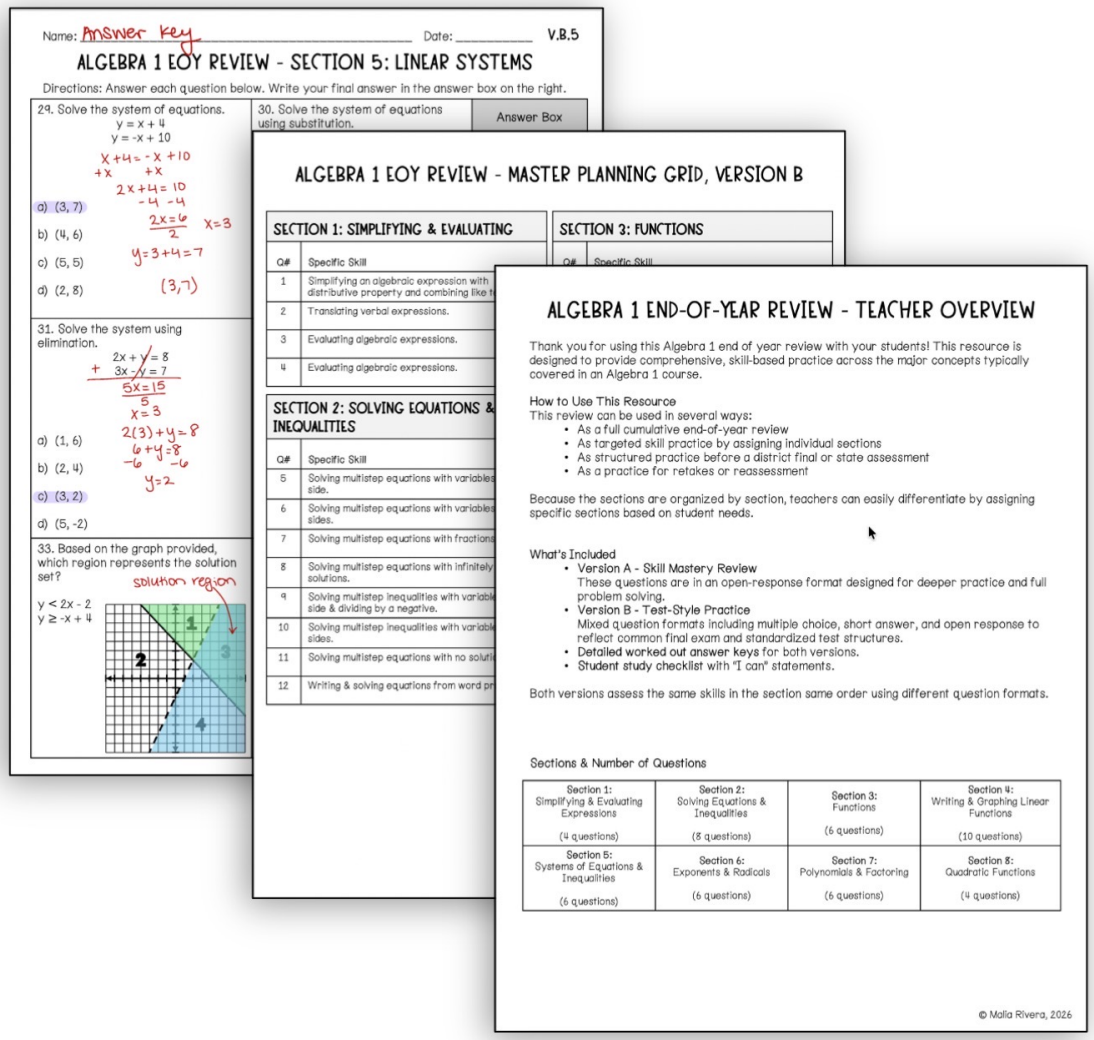
Why do you need this?

Algebra 1 EOY Review Test Prep Packet

- **Quick & easy.** Just print & go. No prep required!
- **Targeted practice.** Students review key Algebra 1 concepts.
- **Flexible use.** Assign as individual worksheets or the entire packet.



Algebra 1 EOY Review Packet *includes*:



Name: Answer key Date: V.B.5

ALGEBRA 1 EOY REVIEW - SECTION 5: LINEAR SYSTEMS

Directions: Answer each question below. Write your final answer in the answer box on the right.

29. Solve the system of equations.
$y = x + 4$
$y = -x + 10$

a) (3, 7)
b) (4, 6)
c) (5, 5)
d) (2, 8)

30. Solve the system of equations using substitution.

Answer Box

31. Solve the system using elimination.

a) (1, 6)
b) (2, 4)
c) (3, 2)
d) (5, -2)

33. Based on the graph provided, which region represents the solution set?

$y < 2x - 2$
$y \geq -x + 4$

solution region

ALGEBRA 1 EOY REVIEW - MASTER PLANNING GRID, VERSION B

SECTION 1: SIMPLIFYING & EVALUATING

Q#	Specific Skill
1	Simplifying an algebraic expression with distributive property and combining like t
2	Translating verbal expressions.
3	Evaluating algebraic expressions.
4	Evaluating algebraic expressions.

SECTION 2: SOLVING EQUATIONS & INEQUALITIES

Q#	Specific Skill
5	Solving multistep equations with variables side.
6	Solving multistep equations with variables sides.
7	Solving multistep equations with fractions
8	Solving multistep equations with infinitely solutions.
9	Solving multistep inequalities with variabl side & dividing by a negative.
10	Solving multistep inequalities with variabl sides.
11	Solving multistep equations with no soluti
12	Writing & solving equations from word pr

SECTION 3: FUNCTIONS

Q#	Specific Skill

ALGEBRA 1 END-OF-YEAR REVIEW - TEACHER OVERVIEW

Thank you for using this Algebra 1 end of year review with your students! This resource is designed to provide comprehensive, skill-based practice across the major concepts typically covered in an Algebra 1 course.

How to Use This Resource
This review can be used in several ways:
- As a full cumulative end-of-year review
- As targeted skill practice by assigning individual sections
- As structured practice before a district final or state assessment
- As a practice for retakes or reassessment

Because the sections are organized by section, teachers can easily differentiate by assigning specific sections based on student needs.

What's Included
- **Version A - Skill Mastery Review**
  These questions are in an open-response format designed for deeper practice and full problem solving.
- **Version B - Test-Style Practice**
  Mixed question formats including multiple choice, short answer, and open response to reflect common final exam and standardized test structures.
- **Detailed worked out answer keys** for both versions.
- **Student study checklist** with "I can" statements.

Both versions assess the same skills in the section same order using different question formats.

Sections & Number of Questions

Section 1: Simplifying & Evaluating Expressions (4 questions)	Section 2: Solving Equations & Inequalities (8 questions)	Section 3: Functions (6 questions)	Section 4: Writing & Graphing Linear Functions (10 questions)
Section 5: Systems of Equations & Inequalities (6 questions)	Section 6: Exponents & Radicals (6 questions)	Section 7: Polynomials & Factoring (6 questions)	Section 8: Quadratic Functions (4 questions)

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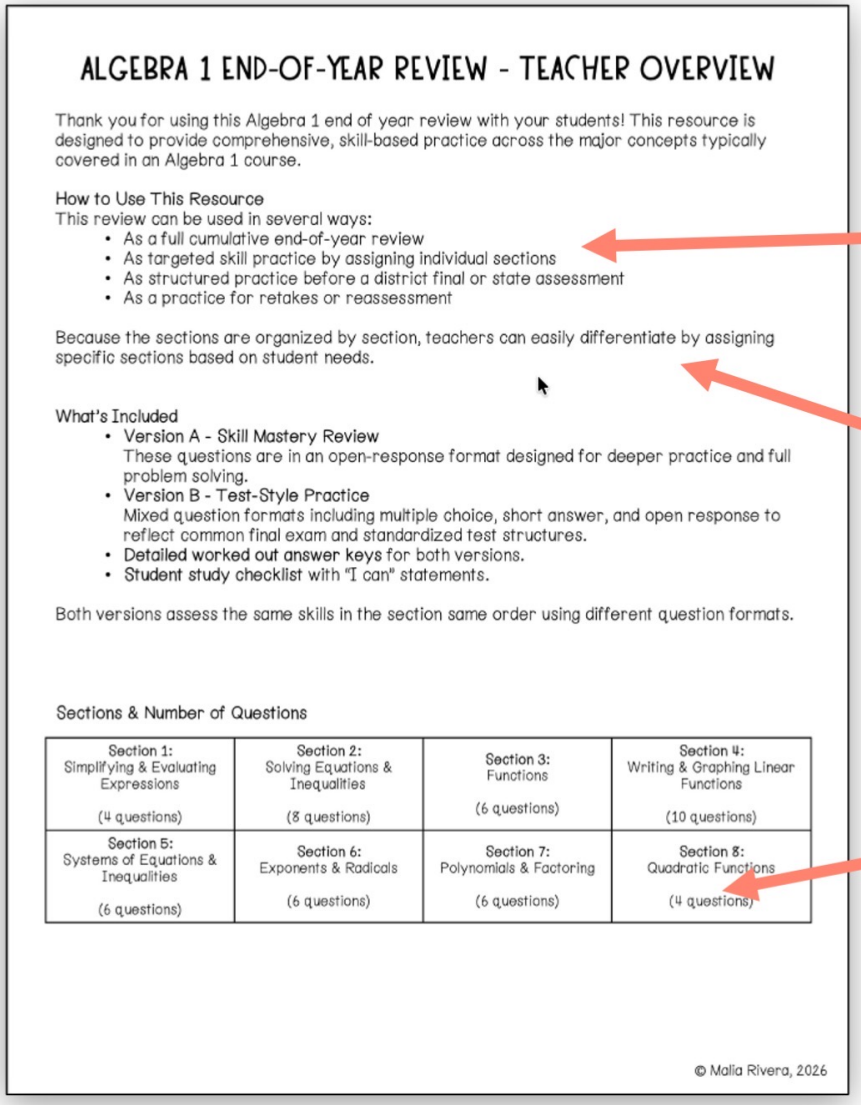
- ✅ 100 Algebra 1 questions
- ✅ 2 Versions of question styles, same concepts reviewed
- ✅ Detailed answer keys
- ✅ Teacher overview & suggestions
- ✅ Master planning grid per version
- ✅ Student skill mastery checklist

Algebra 1 Review Packet – Teacher Overview



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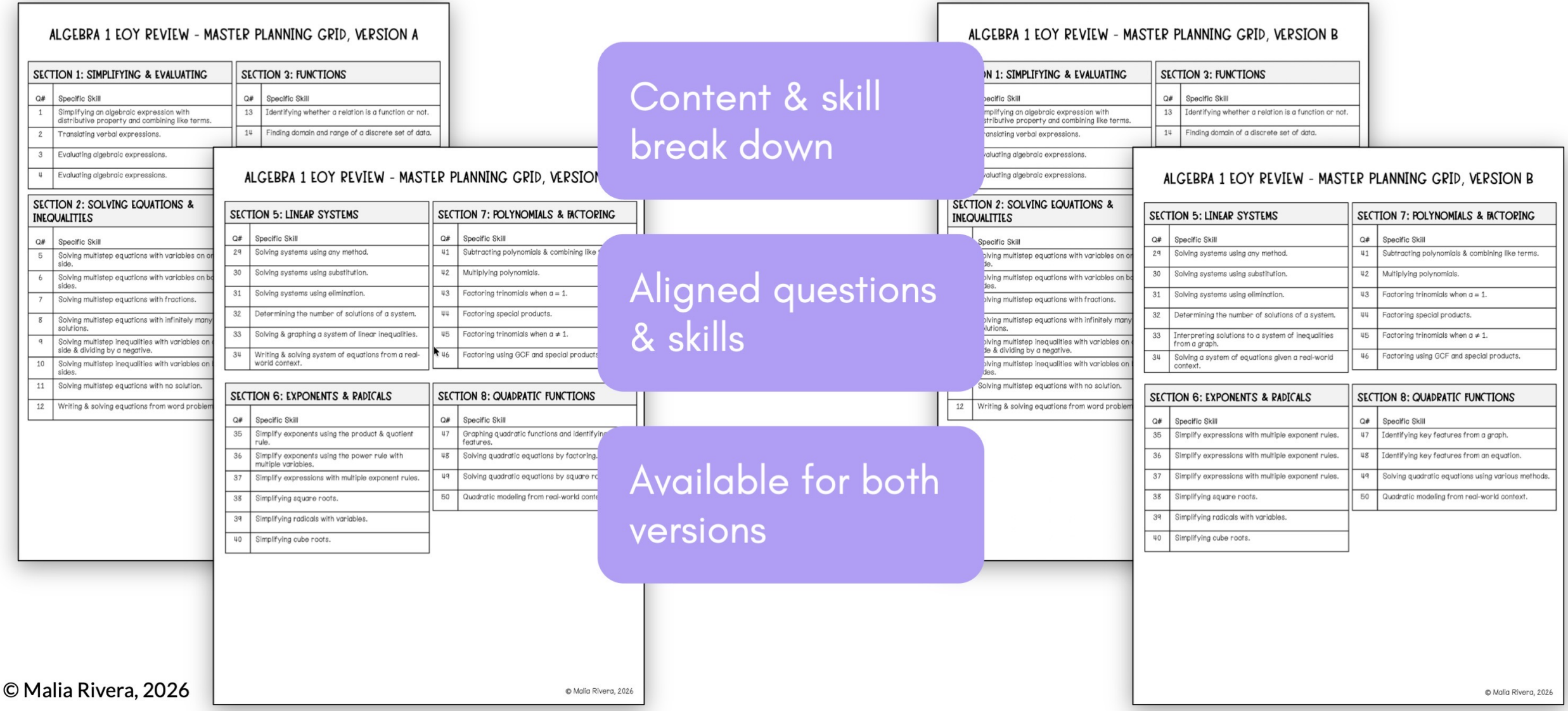
Section 5: Systems of Equations & Inequalities (6 questions)	Section 6: Exponents & Radicals (6 questions)	Section 7: Polynomials & Factoring (6 questions)	Section 8: Quadratic Functions (4 questions)

How to use this resource

Differentiation suggestion

Content breakdown

Algebra 1 Review Packet – Master Planning Grid



ALGEBRA 1 EOY REVIEW - MASTER PLANNING GRID, VERSION A

SECTION 1: SIMPLIFYING & EVALUATING	
Q#	Specific Skill
1	Simplifying an algebraic expression with distributive property and combining like terms.
2	Translating verbal expressions.
3	Evaluating algebraic expressions.
4	Evaluating algebraic expressions.

SECTION 3: FUNCTIONS	
Q#	Specific Skill
13	Identifying whether a relation is a function or not.
14	Finding domain and range of a discrete set of data.

SECTION 2: SOLVING EQUATIONS & INEQUALITIES	
Q#	Specific Skill
5	Solving multistep equations with variables on or side.
6	Solving multistep equations with variables on bo sides.
7	Solving multistep equations with fractions.
8	Solving multistep equations with infinitely many solutions.
9	Solving multistep inequalities with variables on side & dividing by a negative.
10	Solving multistep inequalities with variables on sides.
11	Solving multistep equations with no solution.
12	Writing & solving equations from word problem

ALGEBRA 1 EOY REVIEW - MASTER PLANNING GRID, VERSION

SECTION 5: LINEAR SYSTEMS	
Q#	Specific Skill
29	Solving systems using any method.
30	Solving systems using substitution.
31	Solving systems using elimination.
32	Determining the number of solutions of a system.
33	Solving & graphing a system of linear inequalities.
34	Writing & solving system of equations from a real-world context.

SECTION 7: POLYNOMIALS & FACTORING	
Q#	Specific Skill
41	Subtracting polynomials & combining like
42	Multiplying polynomials.
43	Factoring trinomials when a = 1.
44	Factoring special products.
45	Factoring trinomials when a ≠ 1.
46	Factoring using GCF and special products

SECTION 6: EXPONENTS & RADICALS	
Q#	Specific Skill
35	Simplify exponents using the product & quotient rule.
36	Simplify exponents using the power rule with multiple variables.
37	Simplify expressions with multiple exponent rules.
38	Simplifying square roots.
39	Simplifying radicals with variables.
40	Simplifying cube roots.

SECTION 8: QUADRATIC FUNCTIONS	
Q#	Specific Skill
47	Graphing quadratic functions and identifyin features.
48	Solving quadratic equations by factoring.
49	Solving quadratic equations by square ro
50	Quadratic modeling from real-world conte

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ALGEBRA 1 EOY REVIEW - MASTER PLANNING GRID, VERSION B

N 1: SIMPLIFYING & EVALUATING	
pecific Skill	
mplifying an algebraic expression with tributive property and combining like terms.	
anslating verbal expressions.	
aluating algebraic expressions.	
aluating algebraic expressions.	

SECTION 3: FUNCTIONS	
Q#	Specific Skill
13	Identifying whether a relation is a function or not.
14	Finding domain of a discrete set of data.

SECTION 2: SOLVING EQUATIONS & INEQUALITIES	
Specific Skill	
olving multistep equations with variables on or de.	
olving multistep equations with variables on bo des.	
olving multistep equations with fractions.	
olving multistep equations with infinitely many lutions.	
olving multistep inequalities with variables on de & dividing by a negative.	
olving multistep inequalities with variables on des.	
Solving multistep equations with no solution.	
12	Writing & solving equations from word problem

ALGEBRA 1 EOY REVIEW - MASTER PLANNING GRID, VERSION B

SECTION 5: LINEAR SYSTEMS	
Q#	Specific Skill
29	Solving systems using any method.
30	Solving systems using substitution.
31	Solving systems using elimination.
32	Determining the number of solutions of a system.
33	Interpreting solutions to a system of inequalities from a graph.
34	Solving a system of equations given a real-world context.

SECTION 7: POLYNOMIALS & FACTORING	
Q#	Specific Skill
41	Subtracting polynomials & combining like terms.
42	Multiplying polynomials.
43	Factoring trinomials when a = 1.
44	Factoring special products.
45	Factoring trinomials when a ≠ 1.
46	Factoring using GCF and special products.

SECTION 6: EXPONENTS & RADICALS	
Q#	Specific Skill
35	Simplify expressions with multiple exponent rules.
36	Simplify expressions with multiple exponent rules.
37	Simplify expressions with multiple exponent rules.
38	Simplifying square roots.
39	Simplifying radicals with variables.
40	Simplifying cube roots.

SECTION 8: QUADRATIC FUNCTIONS	
Q#	Specific Skill
47	Identifying key features from a graph.
48	Identifying key features from an equation.
49	Solving quadratic equations using various methods.
50	Quadratic modeling from real-world context.

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Content & skill break down

Aligned questions & skills

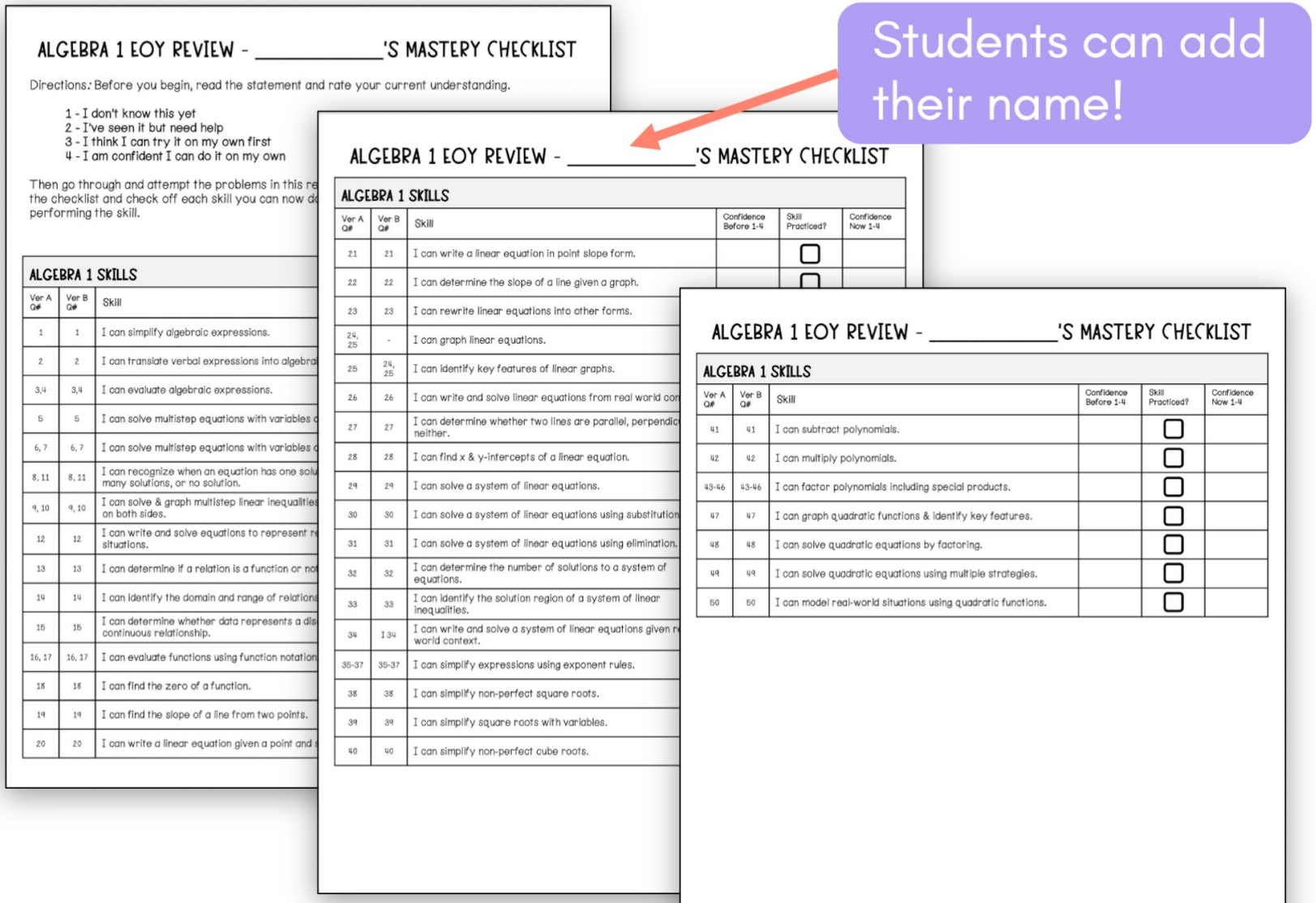
Available for both versions

Algebra 1 Review Packet – Student Mastery Checklist

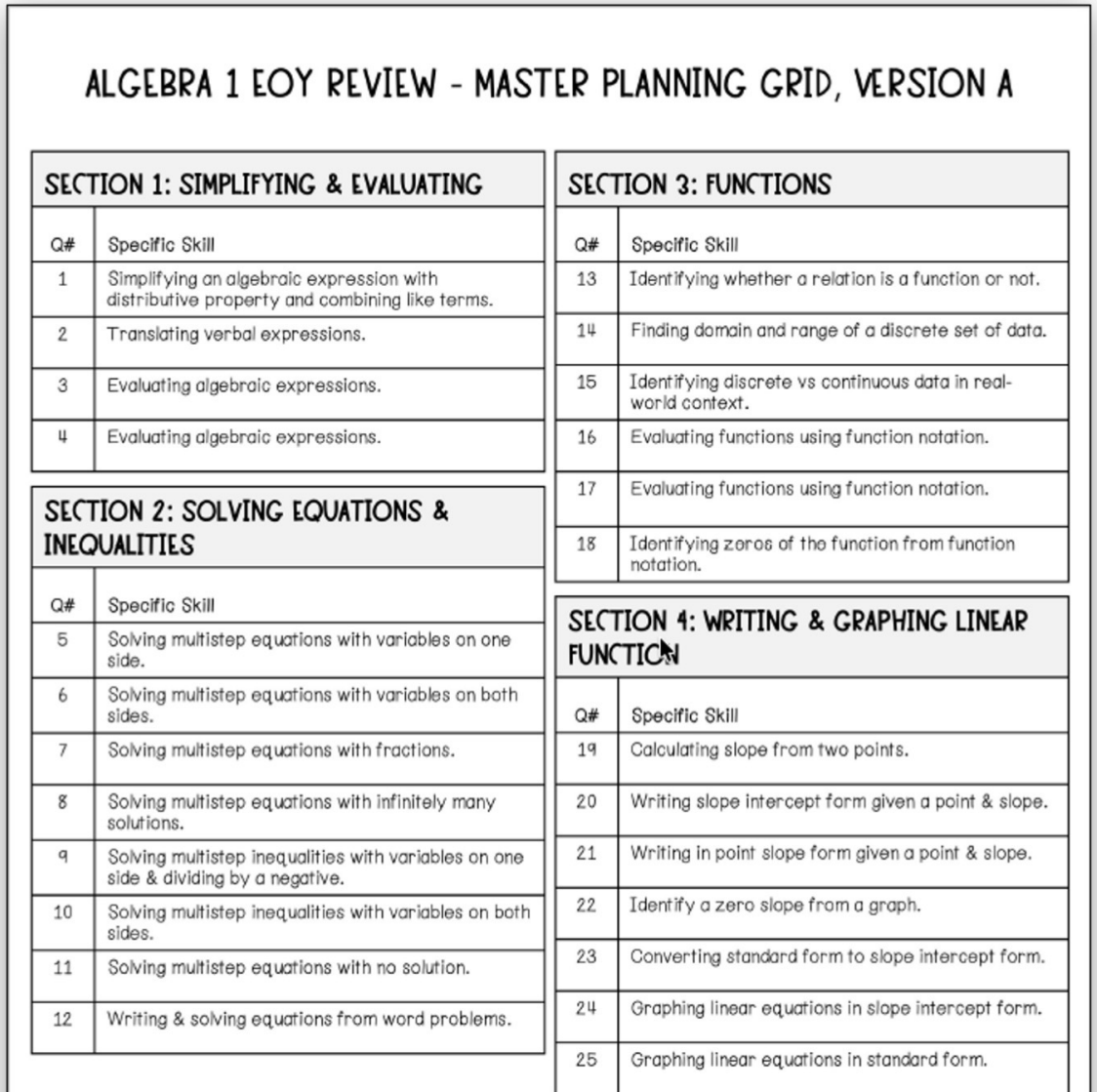
Hold students accountable for their learning!

Pre & post self reflection by skill

Aligned questions & skills by version



Algebra 1 Review Packet - Content Assessed



ALGEBRA 1 EOY REVIEW - MASTER PLANNING GRID, VERSION A

SECTION 1: SIMPLIFYING & EVALUATING

Q#	Specific Skill
1	Simplifying an algebraic expression with distributive property and combining like terms.
2	Translating verbal expressions.
3	Evaluating algebraic expressions.
4	Evaluating algebraic expressions.

SECTION 2: SOLVING EQUATIONS & INEQUALITIES

Q#	Specific Skill
5	Solving multistep equations with variables on one side.
6	Solving multistep equations with variables on both sides.
7	Solving multistep equations with fractions.
8	Solving multistep equations with infinitely many solutions.
9	Solving multistep inequalities with variables on one side & dividing by a negative.
10	Solving multistep inequalities with variables on both sides.
11	Solving multistep equations with no solution.
12	Writing & solving equations from word problems.

SECTION 3: FUNCTIONS

Q#	Specific Skill
13	Identifying whether a relation is a function or not.
14	Finding domain and range of a discrete set of data.
15	Identifying discrete vs continuous data in real-world context.
16	Evaluating functions using function notation.
17	Evaluating functions using function notation.
18	Identifying zeros of the function from function notation.

SECTION 4: WRITING & GRAPHING LINEAR FUNCTION

Q#	Specific Skill
19	Calculating slope from two points.
20	Writing slope intercept form given a point & slope.
21	Writing in point slope form given a point & slope.
22	Identify a zero slope from a graph.
23	Converting standard form to slope intercept form.
24	Graphing linear equations in slope intercept form.
25	Graphing linear equations in standard form.

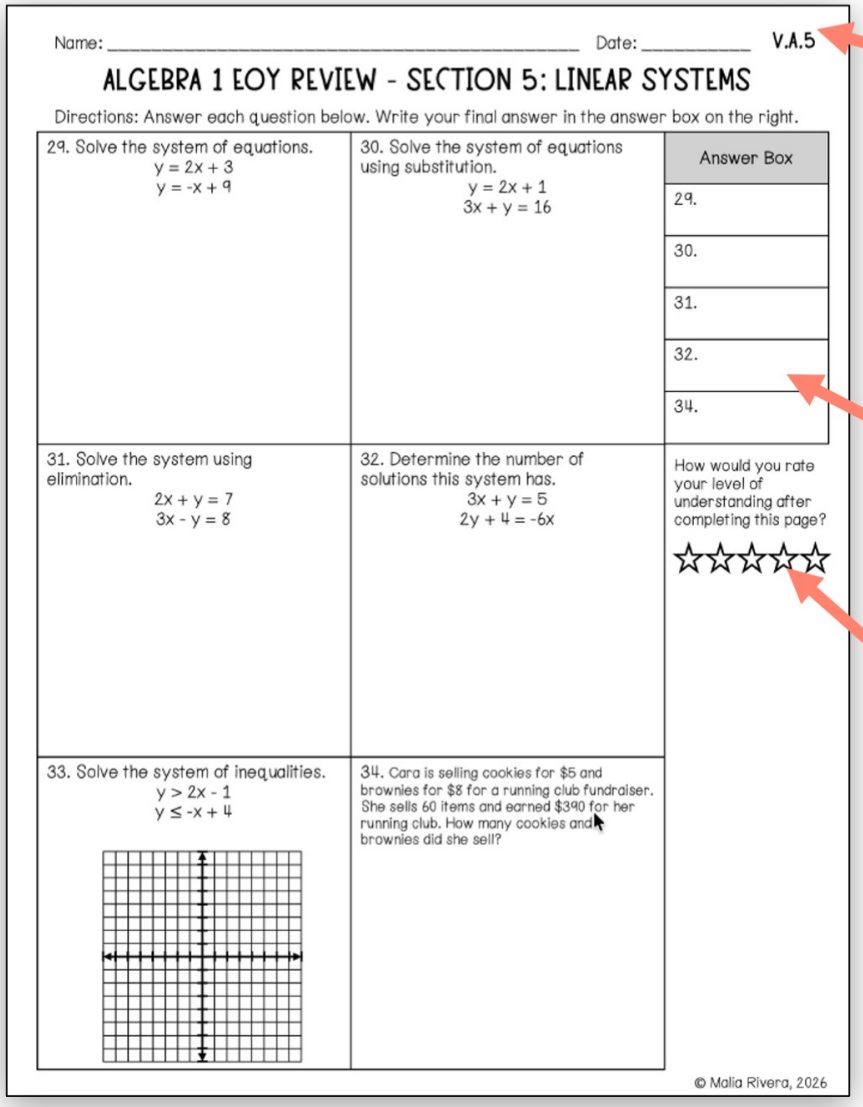
8 Sections Organized by Skill

1. Simplifying & Evaluating Expressions
2. Solving Equations & Inequalities
3. Functions
4. Writing & Graphing Linear Functions
5. Linear Systems
6. Exponents & Radicals
7. Polynomials & Factoring
8. Quadratic Functions

Algebra 1 Review Packet - Version A

- 50 open ended questions
- 8 sections separated by skill
- Detailed answer keys

Plenty of space to show work!



Name: _____ Date: _____ V.A.5

ALGEBRA 1 EOY REVIEW - SECTION 5: LINEAR SYSTEMS

Directions: Answer each question below. Write your final answer in the answer box on the right.

29. Solve the system of equations.
$y = 2x + 3$
$y = -x + 9$

30. Solve the system of equations using substitution.
$y = 2x + 1$
$3x + y = 16$

Answer Box
29.
30.
31.
32.
34.

31. Solve the system using elimination.
$2x + y = 7$
$3x - y = 8$

32. Determine the number of solutions this system has.
$3x + y = 5$
$2y + 4 = -6x$

How would you rate your level of understanding after completing this page?

☆☆☆☆☆

33. Solve the system of inequalities.
$y > 2x - 1$
$y \leq -x + 4$

34. Cara is selling cookies for $5 and brownies for $8 for a running club fundraiser. She sells 60 items and earned $340 for her running club. How many cookies and brownies did she sell?

Easily know what version & section they are working on

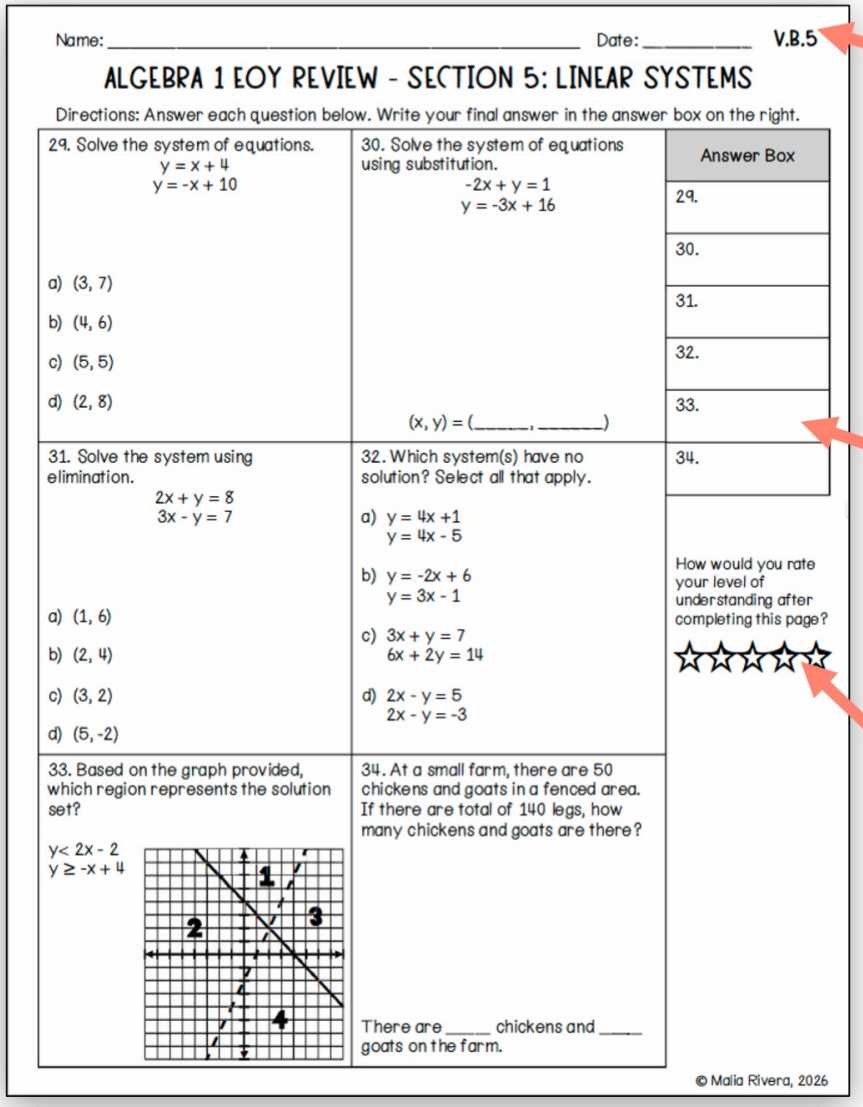
Answer boxes for quick & easy checking & grading

Student self reflection question at the end

Algebra 1 Review Packet - Version B

- 50 test style questions: MC, select all, fill in the blank, True/False
- 8 sections separated by skill with mixed function practice
- Detailed answer keys

Plenty of space to show work!



Name: _____ Date: _____ V.B.5

ALGEBRA 1 EOY REVIEW - SECTION 5: LINEAR SYSTEMS

Directions: Answer each question below. Write your final answer in the answer box on the right.

29. Solve the system of equations.
$y = x + 4$
$y = -x + 10$

a) (3, 7)
b) (4, 6)
c) (5, 5)
d) (2, 8)

30. Solve the system of equations using substitution.
$-2x + y = 1$
$y = -3x + 16$

(x, y) = (_____, _____)

31. Solve the system using elimination.
$2x + y = 8$
$3x - y = 7$

a) (1, 6)
b) (2, 4)
c) (3, 2)
d) (5, -2)

32. Which system(s) have no solution? Select all that apply.

a) $y = 4x + 1$
$y = 4x - 5$

b) $y = -2x + 6$
$y = 3x - 1$

c) $3x + y = 7$
$6x + 2y = 14$

d) $2x - y = 5$
$2x - y = -3$

33. Based on the graph provided, which region represents the solution set?

$y < 2x - 2$
$y \geq -x + 4$

34. At a small farm, there are 50 chickens and goats in a fenced area. If there are total of 140 legs, how many chickens and goats are there?

There are _____ chickens and _____ goats on the farm.

Answer Box
29.
30.
31.
32.
33.
34.

How would you rate your level of understanding after completing this page?

☆☆☆☆☆

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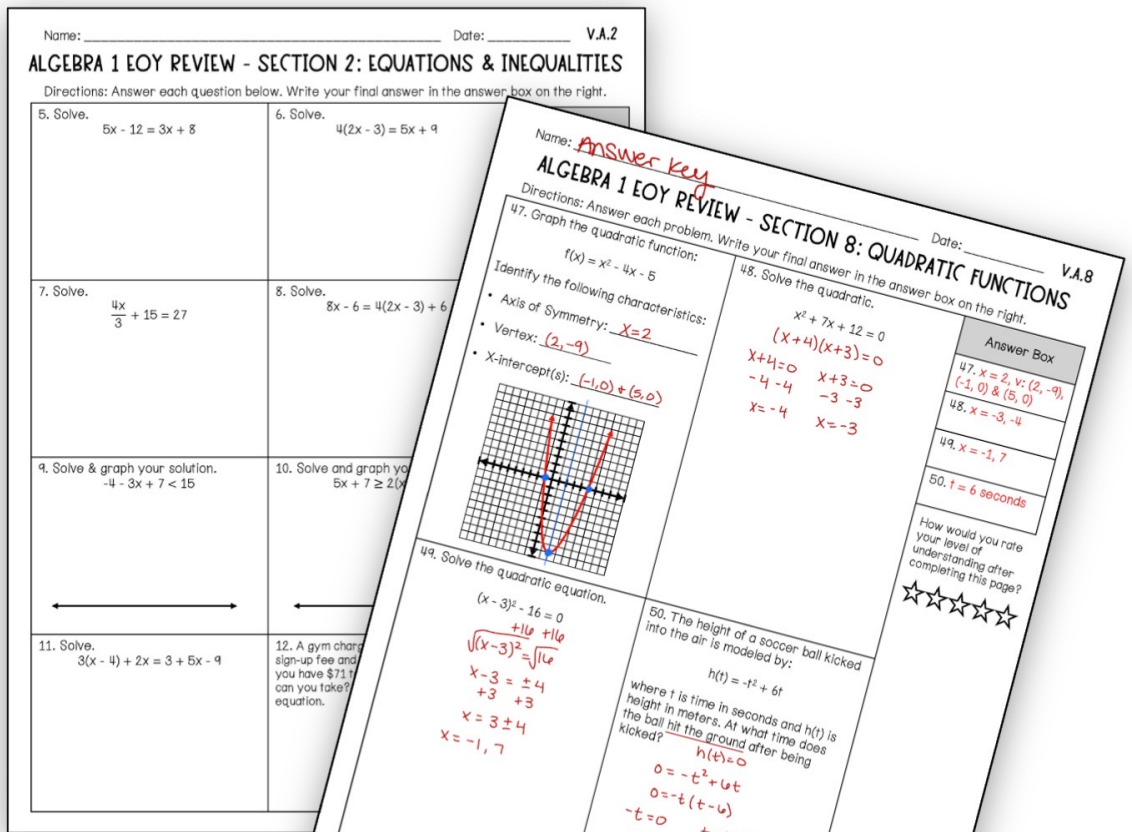
Easily know what version & section they are working on

Answer boxes for quick & easy checking & grading

Student self reflection question at the end

how to use this resource


Name: _____ Date: _____ V.A.2

ALGEBRA 1 EOY REVIEW - SECTION 2: EQUATIONS & INEQUALITIES

Directions: Answer each question below. Write your final answer in the answer box on the right.

5. Solve. $5x - 12 = 3x + 8$

6. Solve. $4(2x - 3) = 5x + 9$

7. Solve. $\frac{4x}{3} + 15 = 27$

8. Solve. $8x - 6 = 4(2x - 3) + 6$

9. Solve & graph your solution. $-4 - 3x + 7 < 15$

10. Solve and graph yo... $5x + 7 \geq 2(x$

11. Solve. $3(x - 4) + 2x = 3 + 5x - 9$

12. A gym charg... sign-up fee and ... you have $71 t... can you take? ... equation.

Name: Answer Key Date: _____ V.A.8

ALGEBRA 1 EOY REVIEW - SECTION 8: QUADRATIC FUNCTIONS

Directions: Answer each problem. Write your final answer in the answer box on the right.

47. Graph the quadratic function: $f(x) = x^2 - 4x - 5$

Identify the following characteristics:

- Axis of Symmetry: $x=2$
- Vertex: $(2, -9)$
- X-intercept(s): $(-1,0)$ & $(5,0)$

48. Solve the quadratic. $x^2 + 7x + 12 = 0$

$(x+4)(x+3)=0$

$x+4=0$ $x+3=0$

$-4 \ -4$ $-3 \ -3$

$x=-4$ $x=-3$

49. Solve the quadratic equation. $(x-3)^2 - 16 = 0$

$+16 \ +16$

$\sqrt{(x-3)^2} = \sqrt{16}$

$x-3 = \pm 4$

$+3 \ +3$

$x = 3 \pm 4$

$x = -1, 7$

50. The height of a soccer ball kicked into the air is modeled by: $h(t) = -t^2 + 6t$

where t is time in seconds and $h(t)$ is height in meters. At what time does the ball hit the ground after being kicked?

$h(t)=0$

$0 = -t^2 + 6t$

$0 = -t(t-6)$

$-t = 0$ $t-6=0$

$+6 \ +6$

$t = 0$ ← when kicked

$t = 6$ seconds ← landed back on the ground

Answer Box

47. $x = 2$, v: $(2, -9)$, $(-1, 0)$ & $(5, 0)$

48. $x = -3, -4$

49. $x = -1, 7$

50. $t = 6$ seconds

How would you rate your level of understanding after completing this page? ☆☆☆☆☆

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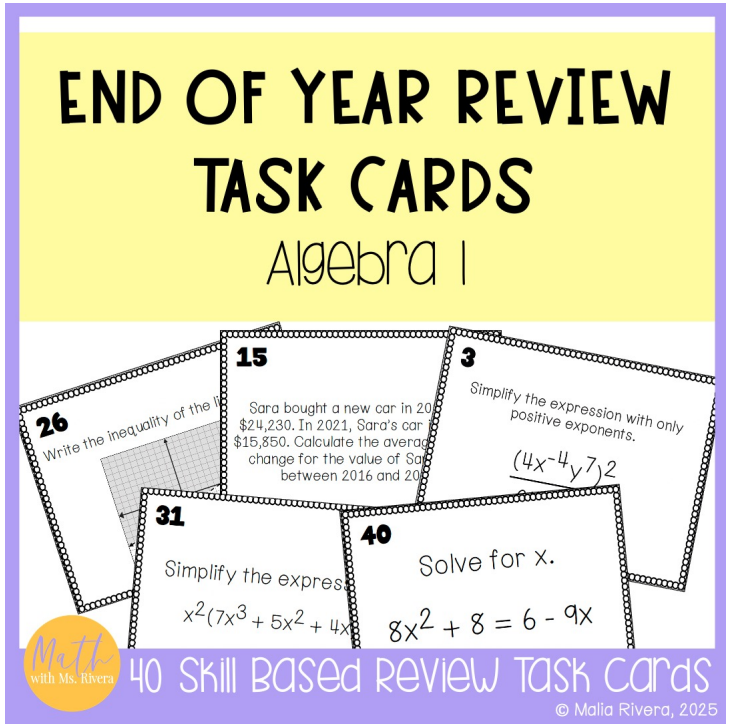
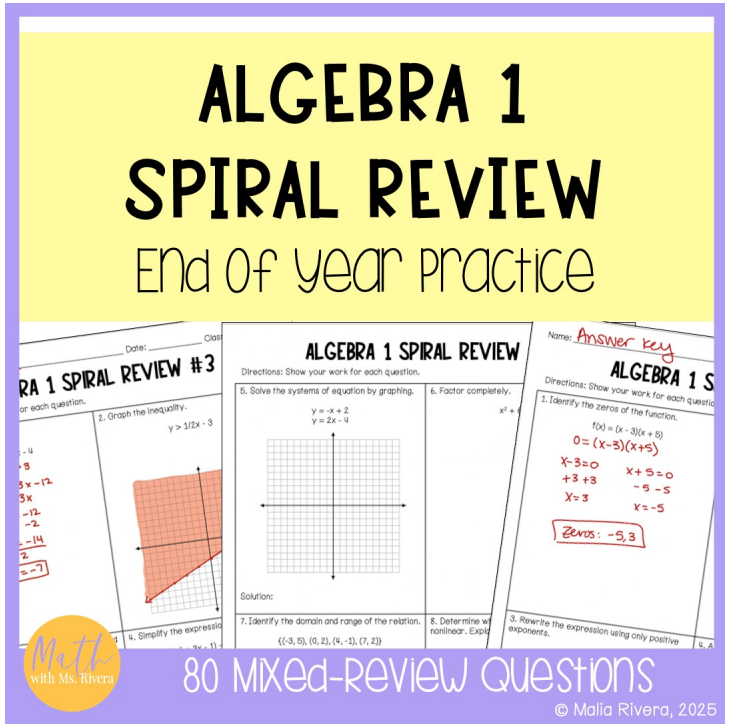
This is a great set of worksheets to use when reviewing content for the Algebra 1 end of year final exams or state tests.

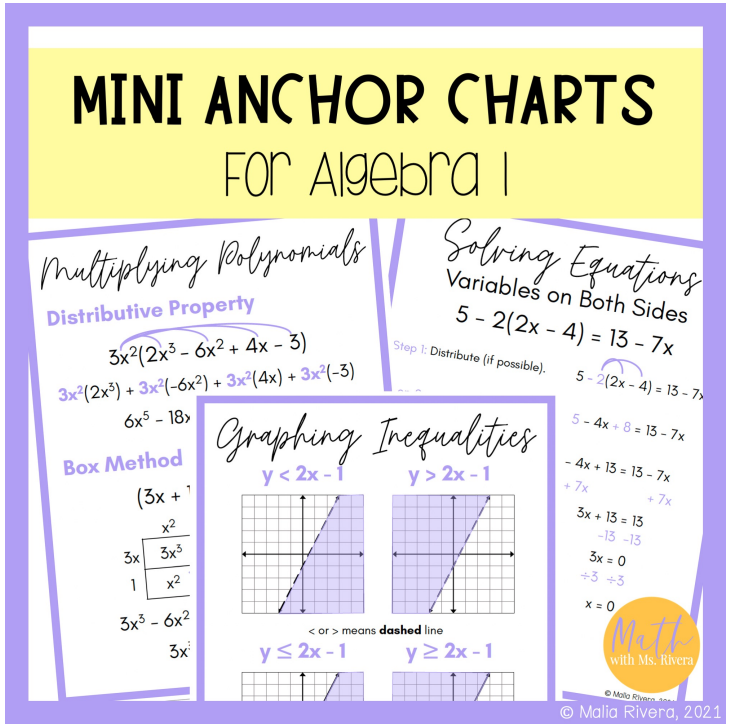
You can assign them as individual worksheets or as the entire packet.

This is also perfect for homework or a **substitute-friendly** assignment!

You may also *enjoy*...







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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