

Algebra 1

Mrs. Bandy

EAS 2024-

video
minutes

Topic:

15-Aug week 1 1A	1.1	Variables and Expressions	27
	1.2	Order of Operations	11
	1.3	Equations	10
	1.4	Translating Words into Expressions	6.5
	1.5	Translating Words into Equations	10
22-Aug week 2 1B C D (1E)	1.6	<i>Recognizing Facts and Drawing Diagrams</i>	12
	1.7	Solving Problems	15
	1.8	Positive and Negative Inequalities	14
	1.9	Absolute Value	7.5
28-Aug week 3 T1 2A	2.1	<i>Assumptions about Real Numbers</i>	18
	2.2	The Number Line and Addition	7.5
	2.3	Addition of Real Numbers	12
	2.4	Subtraction	11
	2.5	The Distributive Property	21
5-Sep week 4 2B C D (2E)	2.6	<i>Properties of Multiplication</i>	11
	2.7	Consecutive Integers, Even and Odd	13.5
	2.8	Reciprocals	10
	2.9	Division with Real Numbers	25.5
12-Sep week 5 T2 3A 3B	3.1	<i>Equations with Addition and Subtraction begin lesson at home (videos a & b)</i>	13
	3.1	Equations with Addition and Subtraction	13
	3.2	Equations with Multiplication and Division	27
	3.3	Solving Equations in Multiple Steps	29
19-Sep week 6 3C D (3E)	3.4	<i>Translating Word Problems into Equations</i>	18
	3.5	Equations with Variables on Both Sides	18
	3.6	Organizing Information with Charts	34
	3.7	Techniques for Transforming Equations	29
26-Sep week 7 T3 4A 4B	4.1	<i>Exponential Notation</i>	13
	4.2	Addition and Subtraction of Polynomials	27
	4.3	Multiplying Polynomials	9
	4.4	Raising Monomials to a Power	12
3-Oct week 8 4C 4D (4E)	4.5	<i>Multiplying Polynomials by Monomials</i>	7
	4.6	Multiplying Polynomials	13
	4.7	Formulas	10
	4.8	Distance, Rate, and Time Problems	19
	4.9	Problems Involving Area	27

10-Oct week 9	4.10	<i>Problems With No Solution</i>	9
T4	5.1	<i>Factoring Integers</i>	26
5A	5.2	Dividing Monomials	35
5B	5.3	Dividing a Monomial by a Polynomial	41
	5.4	Multiplying Binomials	19
17-Oct off		Fall Break Week - no class. Catch up on missing work!	
24-Oct week 10	5.5	<i>Difference of Two Squares</i>	16
5C	5.6	Squaring Binomials	15
5D	5.7	Factoring Quadratics	14
	5.8	Factoring Polynomials	8.5
31-Oct week 11	5.9	<i>Factoring Polynomials</i>	11
(5E)	5.10	Factoring by Grouping Terms	20.5
	5.11	Combining Factoring Methods	14
	5.12	Using Factoring to Solve Equations	11.5
7-Nov week 12		Midterm Exam Review Day	
T5			
		<i>Semester Exam Due after Thanksgiving Break</i>	
14-Nov week 13	6.1	Simplifying Fractions	35
6A	6.2	Multiplying Fractions	19
6B	6.3	Dividing Fractions	10
21-Nov week 14	6.4	<i>Least Common Denominators</i>	30
6C	6.5	Adding and Subtracting Fractions	25
	6.6	Mixed Numbers and Expressions	9
28-Nov off		Thanksgiving Break	
5-Dec week 15	6.7	Dividing Polynomials	17
6D (6E)	7.1	Ratios	8.5
7A	7.2	Proportions	8.5
12-Dec week 16	7.3	Equations with Fractional Coefficients	19
T6	7.4	Fractional Equations	14
7B	7.5	Percents	17

Have a great Christmas Break!!

Algebra 1 Spring Semester 2025

9-Jan week 17	7.4	Fractional Equations review	14
7C	7.5	Percents - yes, again!	17
	7.6	Percent Problems	20
	7.7	Mixture Problems	23
16-Jan week 18	7.8	<i>Work Problems</i>	12
7D	7.9	Negative Exponents	22.5
	7.10	Scientific Notation	32.5
	8.1	Equations with Two Variables	18

23-Jan week 19	8.2	<i>The Cartesian Coordinate System</i>	13
T7	8.3	Graphing Equations of Lines	10
8A B C	8.4	Slope	25
	8.5	Direct Variation Equations	19
30-Jan week 20	8.6	Slope-Intercept Form	22
8D E F	8.7	Parallel and Perpendicular Lines	18
	8.8	Point-Slope Form	20
6-Feb week 21	8.9	Introduction to Functions	45
8G H	8.10	Inverse Variations	18
13-Feb week 22	9.1	<i>Solving Systems by Graphing</i>	17
T8	9.2	Solving Systems by Substitution	17
9B C D	9.3	Word Problems with Two Variables	19
	9.4	Combining Linear Equations	9
	9.5	Multiplying and Combining Equations	11
20-Feb off!	Winter Break EAS and MAS		
27-Feb week 23	9.6	<i>Wind and Water Currents</i>	26
T9 9E (F)	10.1	Inequalities and the Number Line	11
10A B	10.2	Solving Inequalities	21
5-Mar week 24	10.3	<i>Problem Solving with Inequalities</i>	15
10C D	10.4	Combined Inequalities	9
10E F	10.5	Absolute Value Inequalities	10
(10G)	10.6	(Deliberately Omitted)	
	10.7	Graphing Linear Inequalities	12.5
	10.8	Systems of Linear Inequalities	7
12-Mar week 25	11.1	<i>Rational Numbers</i>	17
T10	11.2	Decimal Forms of Rational Numbers	45.5
11A	11.3	Rational Square Roots	22
19-Mar week 26	11.4	Irrational Square Roots	17
11B C	11.5	Square Root Expressions and Equations	40
26-Mar week 27	11.6	The Pythagorean Theorem	39
11D	11.7	Multiplication and Division with Radicals	35
2-Apr off	Spring Break		
9-Apr week 28	11.8	Adding and Subtracting Radicals	21
11E	11.9	Multiplying Binomials with Radicals	18
16-Apr week 29	11.10	Solving Radical Equations	29
11F G (H)	12.1	Quadratics with Perfect Squares	29
23-Apr week 30	12.2	Completing the Square	22
T11 12A B	12.3	The Quadratic Formula	30
30-Apr week 31	12.4	Quadratic Equations, the Discriminant	33
12C (D)	12.5	Solving Quadratic Equations	10
7-May week 32	Exam review week <i>Test 12 is optional</i>		

Semester exam due by 5/23. Work submitted by 5/20 may be corrected.