

Algebra 1

Mrs. Bandy

EAS 2022-2023

		Topic:	video minutes	week total:	(practice problems)
18-Aug week 1	1.1	Variables and Expressions	27		17
1A	1.2	Order of Operations	11		14
	1.3	Equations	10		7
	1.4	Translating Words into Expressions	6.5		0
	1.5	Translating Words into Equations	10	65	7
25-Aug week 2	1.6	Recognizing Facts and Drawing Diagrams	12		9
1B C D	1.7	Solving Problems	15		13
(1E)	1.8	Positive and Negative Inequalities	14		9
	1.9	Absolute Value	7.5	49	10
1-Sep week 3	2.1	Assumptions about Real Numbers	18		0
T1	2.2	The Number Line and Addition	7.5		0
	2.3	Addition of Real Numbers	12	38	0
8-Sep week 4	2.4	Subtraction	11		16
2A B	2.5	The Distributive Property	21		0
	2.6	Properties of Multiplication	11	43	0
15-Sep week 5	2.7	Consecutive Integers, Even and Odd	13.5		0
AT HOME 2C D E	2.8	Reciprocals	10		0
	2.9	Division with Real Numbers	25.5	49	0
22-Sep week 6	3.1	Equations with Addition and Subtraction	25		0
T2	3.2	Equations with Multiplication and Division	27		0
3A B	3.3	Solving Equations in Multiple Steps	29	81	0
29-Sep week 7	3.4	Translating Word Problems into Equations	18		16
3C D	3.5	Equations with Variables on Both Sides	18		0
(3E)	3.6	Organizing Information with Charts	34		14
	3.7	Techniques for Transforming Equations	29	99	0
6-Oct week 8	4.1	Exponential Notation	13		11.5
T3	4.2	Addition and Subtraction of Polynomials	27		9.5
4A B	4.3	Multiplying Polynomials	9		10
	4.4	Raising Monomials to a Power	12	61	8
13-Oct off		Fall Break Week - no class. Catch up on missing work!			
20-Oct week 9	4.5	Multiplying Polynomials by Monomials	7		10
4C	4.6	Multiplying Polynomials	13		15
	4.7	Formulas	10	30	15.5
27-Oct week 10	4.8	Distance, Rate, and Time Problems	19		0
(4D)	4.9	Problems Involving Area	27		10
	4.10	Problems With No Solution	9		5.5
	5.1	Factoring Integers	26	81	12.5
3-Nov week 11	5.2	Dividing Monomials	35		0
T5	5.3	Dividing a Monomial by a Polynomial	41		30
5A B	5.4	Multiplying Binomials	19	95	9
10-Nov week 12	5.5	Difference of Two Squares	16		5
5C D	5.6	Squaring Binomials	15		15
	5.7	Factoring Quadratics	14		0
	5.8	Factoring Polynomials	8.5	54	15
17-Nov week 13	5.9	Factoring Polynomials	11		14.5
(5E)	5.10	Factoring by Grouping Terms	20.5		5

	5.11	Combining Factoring Methods	14		7
	5.12	Using Factoring to Solve Equations	11.5	57	13
24-Nov	off	Thanksgiving Break			
1-Dec	week 14	Exam Review Day			
8-Dec	week 15	Exam in Class or Make up missing work			
midterm exams due by 12/16/2021					

5-Jan	week 15	6.1	Simplifying Fractions	35		2
	6A	6.2	Multiplying Fractions	19		0
	6B	6.3	Dividing Fractions	10	64	0
12-Jan	week 16	6.4	Least Common Denominators	30		34
	6B	6.5	Adding and Subtracting Fractions	25		0
	6D	6.6	Mixed Numbers and Expressions	9		12.5
	(6E)	6.7	Dividing Polynomials	17	81	0
19-Jan	week 17	7.1	Ratios	8.5		n/a
	T6	7.2	Proportions	8.5		0
	7A	7.3	Equations with Fractional Coefficients	19		0
	7B	7.4	Fractional Equations	14	50	20.5
26-Jan	week 18	7.5	Percents	17		0
	7C	7.6	Percent Problems	20		0
		7.7	Mixture Problems	23		9
		7.8	Work Problems	12		n/a
		7.9	Negative Exponents	22.5	95	0
2-Feb	week 19	7.10	Scientific Notation	32.5		0
	7D	8.1	Equations with Two Variables	18		3.5
	8A	8.2	The Cartesian Coordinate System	13	64	n/a
9-Feb	week 20	8.3	Graphing Equations of Lines	10		0
	T7	8.4	Slope	25		10.5
	8B C D	8.5	Direct Variation Equations	19	54	10.5
16-Feb	off		Winter Break EAS and MAS			
23-Feb	week 21	8.6	Slope-Intercept Form	22		12
	8E F G	8.7	Parallel and Perpendicular Lines	18		8
		8.8	Point-Slope Form	20	60	10.5
2-Mar	week 22	8.9	Introduction to Functions	45		17
	8H	8.10	Inverse Variations	18		7.5
	9A	9.1	Solving Systems by Graphing	17		13
	9B	9.2	Solving Systems by Substitution	17	97	15
9-Mar	week 23	9.3	Word Problems with Two Variables	19		9
	T8	9.4	Combining Linear Equations	9		0
	9C D	9.5	Multiplying and Combining Equations	11	39	17
16-Mar	week 24	9.6	Wind and Water Currents	26		16
	9E (F)	10.1	Inequalities and the Number Line	11		0
	10A B	10.2	Solving Inequalities	21	58	0
23-Mar	week 25	10.3	Problem Solving with Inequalities	15		15.5
	T9	10.4	Combined Inequalities	9		0
	10C D E	10.5	Absolute Value Inequalities	10		0
		10.6	(Deliberately Omitted)			
		10.7	Graphing Linear Inequalities	12.5	47	0
30-Mar	week 26	10.8	Systems of Linear Inequalities	7		0
	10F G (H)	11.1	Rational Numbers	17		0
	11A	11.2	Decimal Forms of Rational Numbers	45.5	70	0
6-Apr	off		Spring Break			
13-Apr	week 27	11.3	Rational Square Roots	22		0
	T10	11.4	Irrational Square Roots	17		0
	11B C	11.5	Square Root Expressions and Equations	40	79	0
20-Apr	week 28	11.6	The Pythagorean Theorem	39		0

11D	11.7	Multiplication and Division with Radicals	35		0
11E	11.8	Adding and Subtracting Radicals	21	95	24
27-Apr week 29	11.9	Multiplying Binomials with Radicals	18		0
11F G (H)	11.10	Solving Radical Equations	29		17
12A	12.1	Quadratics with Perfect Squares	29		0
	12.2	Completing the Square	22	98	0
4-May week 30	12.3	The Quadratic Formula	30		0
T11	12.4	Quadratic Equations, the Discriminant	33		n/a
12B C (D)	12.5	Solving Quadratic Equations	10	73	0
11-May week 31	Exam review week				

Final exam due by 5/26/2022

***Work you want to be able to correct should be received by 5/19/2022.**