

Unit 1 - Get ready for equations and inequalities

Lesson 1 - Algebraic equation basics

	Item to complete	Your Score	Out of	Parent initials
Variables, expressions, & equations	Video			
Testing solutions to equations	Video			
Testing solutions to equations	Exercise		7	

Lesson 2 - One-step addition and subtractions equations

	Item to complete	Your Score	Out of	Parent initials
One-step addition and subtraction equations	Video			
One-step addition equations	Video			
One-step addition and subtraction equations	Exercise		7	

Lesson 3 - One-step multiplication and division equation

	Item to complete	Your Score	Out of	Parent initials
One-step division equations	Video			
One-step multiplication equations	Video			
One-step multiplication and division equations	Exercise		7	

Lesson 4 - Finding mistakes in one-step equations

	Item to complete	Your Score	Out of	Parent initials
Finding mistakes in one-step equations	Video			
Find the mistake in one-step equations	Exercise		4	

QUIZ 1

Item to complete	Your Score	Out of	Parent initials
Quiz		5	

Lesson 5 - Intro to inequalities with variables

	Item to complete	Your Score	Out of	Parent initials
Plotting inequalities on a number line	Video			
Plotting an inequality example	Video			
Inequality from graph	Exercise		4	
Plotting inequalities	Exercise		4	

Lesson 6 - Testing solutions to inequalities

	Item to complete	Your Score	Out of	Parent initials
Testing solutions to inequalities	Video			
Testing solutions to inequalities	Exercise		4	

QUIZ 2

Item to complete	Your Score	Out of	Parent initials
Quiz		5	

Lesson 7 - Combining like terms

	Item to complete	Your Score	Out of	Parent initials
Intro to combining like terms	Video			
Combining like terms with negative coefficients	Video			
Combining like terms with negative coefficients	Exercise		7	
Combining like terms with rational coefficients	Video			
Combining like terms with rational coefficients	Exercise		4	

Lesson 8 - The distributive property and equivalent expressions

	Item to complete	Your Score	Out of	Parent initials
The distributive property with variables	Video			
Factoring with the distributive property	Video			
Distributive property with variables (negative numbers)	Exercise		4	
Combining like terms with negative coefficients and distribution	Video			
Combining like terms with negative coefficients and distribution	Exercise		4	
Equivalent expressions: negative numbers & distribution	Video			
Equivalent expressions: negative numbers & distribution	Exercise		7	
QUIZ 3	Quiz		7	

Lesson 9 - Two-step equations

	Item to complete	Your Score	Out of	Parent initials
Same thing to both sides of equations	Video			
Intro to two-step equations	Video			
Two-step equations intuition	Video			
Worked example: two step equatio	Video			
Two-step equations	Exercise		7	

Lesson 10 - Finding mistakes in two-step equations

	Item to complete	Your Score	Out of	Parent initials
Find the mistake : two-step equations	Video			
Find the mistake : two-step equations	Exercise		4	

Lesson 11 - One- and two-step inequalities

	Item to complete	Your Score	Out of	Parent initials
One-step inequalities examples	Video			
One-step inequalities: $-5c \leq 15$	Video			
One-step inequalities	Exercise		7	
Two-step inequalities	Video			
Two-step inequalities	Exercise		7	
QUIZ 4	Quiz		5	

Lesson 12 - Equations with variables on both sides

	Item to complete	Your Score	Out of	Parent initials
Intro to equations with variables on both sides	Video			
Equations with variables on both sides	Video			
Equations with variables on both sides	Exercise		4	

Lesson 13 - Equations with parentheses

	Item to complete	Your Score	Out of	Parent initials
Equations with parentheses	Video			
Equations with parentheses	Exercise		4	

QUIZ 5

Item to complete	Your Score	Out of	Parent initials
Quiz		5	

UNIT TEST

Item to complete	Your Score	Out of	Parent initials
Test		12	

Unit 2: Get ready for working with units

Lesson 1 - Intro to ratios

	Item to complete	Your Score	Out of	Parent initials
Intro to ratios	Video			
Basic ratios	Video			
Part:whole ratios	Video			
Basic ratios	Exercise		7	

Lesson 2 - Equivalent ratios

	Item to complete	Your Score	Out of	Parent initials
Equivalent ratios	Video			
Equivalent ratios: recipe	Video			
Equivalent ratios	Exercise		4	
Equivalent ratios word problems	Video			
Equivalent ratios with equal groups	Exercise		4	
Equivalent ratios word problems	Exercise		4	
Understanding equivalent ratios	Video			
Equivalent ratios in the real world	Exercise		4	
Understand equivalent ratios in the real world	Exercise		4	

Quiz 1

Item to complete	Your Score	Out of	Parent initials
		5	

Lesson 3 - Ratio application

	Item to complete	Your Score	Out of	Parent initials
	Ratios on coordinate plane	Video		
	Ratios on coordinate plane	Exercise	4	
	Ratios and measurement	Video		
	Ratios and units of measurement	Exercise	4	
	Part to whole ratio word problem using tables	Video		
	Part-part-whole ratio word problems	Exercise	4	
QUIZ 2	Quiz		5	

Lesson 4 - Intro to rates

	Item to complete	Your Score	Out of	Parent initials
	Intro to rates	Video		
	Solving unit rate problem	Video		
	Solving unit price problem	Video		
	Unit rates	Exercise	7	

Lesson 5 - Rate problems

	Item to complete	Your Score	Out of	Parent initials
	Rate problems	Video		
	Rate problems	Exercise	4	
	Rates with fractions	Video		
	Rates with fractions	Exercise	4	
	Comparing rates example	Video		
	Comparing rates	Exercise	4	
QUIZ 3	Quiz		5	
UNIT TEST	Test		10	

Unit 5: Get ready for linear relationships

Lesson 1 - Constant of proportionality

	Item to complete	Your Score	Out of	Parent initials
	Introduction to proportional relationships	Video		
	Identifying constant of proportionality	Video		
	Constant of proportionality from graph	Video		
	Constant of proportionality from graphs	Exercise	4	
	Identifying the constant of proportionality from equation	Video		

Constant of proportionality from equation	Video			
Constant of proportionality from equations	Exercise		4	
Constant of proportionality from tables	Video			
Constant of proportionality from tables	Exercise		4	
Constant of proportionality from tables (with equations)	Video			
Constant of proportionality from tables (with equations)	Exercise		4	
QUIZ 1	Quiz		7	

Lesson 5 - Writing and solving proportions

	Item to complete	Your Score	Out of	Parent initials
Worked example: Solving proportions	Video			
Solving proportions	Exercise		7	
Writing proportions example	Video			
Writing proportions example	Exercise		4	
Proportion word problem: cookies	Video			
Proportion word problem: hot dogs	Video			
Proportion word problems	Exercise		4	

Unit 4: Get ready for functions and sequences

Lesson 1 - Math patterns

	Item to complete	Your Score	Out of	Parent initials
Factors and multiples: days of the week	Video			
Patterns with numbers	Exercise		4	
Math patterns: table	Video			
Math patterns: toothpicks	Video			
Patterns with shapes	Exercise		4	

Lesson 4 - Linear models

	Item to complete	Your Score	Out of	Parent initials
Linear equations word problems	Video			
Modeling with linear equations: snow	Video			
Linear equations word problems	Exercise		4	

YOU ARE DONE!!!