

Math Homework Hotline Review by Unit

Worksheet, Video, Challenge Question, Answer Key

6R

Grade 6 Math – EdGems Course 1				
Unit	Student Worksheet	Link to Video	Challenge Question	Teacher Answer Key
1 – Multi-Digit Operations	Decimals SE	Decimals Video	Decimals Challenge	Decimals TE
2 – Ratios and Rates	Ratios and Rates SE	Ratios and Rates Video	Ratios & Rates Challenge	Ratios and Rates TE
3 – Percents	Percents SE	Percents Video	Percents Challenge	Percents TE
4 – Fraction Operations	Fractions SE	Fractions Video	Fractions Challenge	Fractions TE
5 – Rational Numbers & The Coordinate Plane	Rational #s & Coordinate Plane SE	Rational #s & Coordinate Plane Video	Rational #s & Coordinate Plane Challenge	Rational #s & Coordinate Plane TE
6 – Integer Operations	Integers SE	Integers Video	Integers Challenge	Integers TE
7 – Expressions	Expressions SE	Expressions Video	Expressions Challenge	Expressions TE
8 – Equations & Inequalities	Equations SE Inequalities SE	Equations Video Inequalities Video	Equations Challenge Inequalities Challenge	Equations TE Inequalities TE
9 – Area & Volume	Area & Volume SE	Area & Volume Video	Area & Volume Challenge	Area & Volume TE
10 – Statistics	Statistics SE	Statistics Video	Statistics Challenge	Statistics TE

***Disclaimer: Resources align to the unit as a reteach or enrichment of topic since they may span benchmarks from several grade levels.

Math Homework Hotline Review by Unit

Worksheet, Video, Challenge Question, Answer Key

6A

Grade 6 Accelerated Math – EdGems Course 1A				
Unit	Student Worksheet	Link to Video	Challenge Question	Teacher Answer Key
1 – Multi-Digit Operations	Decimals SE	Decimals Video	Decimals Challenge	Decimals TE
2 – Ratios, Rates & Proportions	Ratios and Rates SE	Ratios and Rates Video	Ratios & Rates Challenge	Ratios and Rates TE
3 – Percents & Probability	Percents & Probability SE	Percents & Probability Video	Percents & Probability Challenge	Percents & Probability TE
4 – Fraction Operations	Fractions SE	Fractions Video	Fractions Challenge	Fractions TE
5 – Rational Numbers and the Coordinate Plane	Rational #s & Coordinate Plane SE	Rational #s & Coordinate Plane Video	Rational #s & Coordinate Plane Challenge	Rational #s & Coordinate Plane TE
6 – Sums and Differences of Rational Numbers	Sums & Differences of Rational Numbers SE	Sums & Differences of Rational Numbers Video	Sums & Differences of Rational Numbers Challenge	Sums & Differences of Rational Numbers TE
7 – Products and Quotients of Rational Numbers	Products & Quotients of Rational Numbers SE	Products & Quotients of Rational Numbers Video	Products & Quotients of Rational Numbers Challenge	Products & Quotients of Rational Numbers TE
8 – Expressions	Expressions SE	Expressions Video	Expressions Challenge	Expressions TE
9 – Equations and Inequalities	Equations SE	Equations Video	Equations Challenge	Equations TE
	Inequalities SE	Inequalities Video	Inequalities Challenge	Inequalities TE
10 – Area and Volume	Area & Volume SE	Area & Volume Video	Area & Volume Challenge	Area & Volume TE
11 – Statistical Measures	Statistics SE	Statistics Video	Statistics Challenge	Statistics TE
12 – Data Displays	Data Displays SE	Data Displays Video	Data Displays Challenge	Data Displays TE

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Math Homework Hotline Review by Unit

Worksheet, Video, Challenge Question, Answer Key

7R

Grade 7 Math – EdGems Course 2				
Unit	Student Worksheet	Link to Video	Challenge Question	Teacher Answer Key
1 – Sums & Differences of Rational Numbers	Sums & Differences of Rational Numbers SE	Sums & Differences of Rational Numbers Video	Sums & Differences of Rational Numbers Challenge	Sums & Differences of Rational Numbers TE
2 – Products & Quotients of Rational Numbers	Products & Quotients of Rational Numbers SE	Products & Quotients of Rational Numbers Video	Products & Quotients of Rational Numbers Challenge	Products & Quotients of Rational Numbers TE
3 – Algebraic Expressions	Expressions SE	Expressions Video	Expressions Challenge	Expressions TE
4 – Equations & Inequalities	Equations SE Inequalities SE	Equations Video Inequalities Video	Equations Challenge Inequalities Challenge	Equations TE Inequalities TE
5 – Proportional Relationships	Proportions SE	Proportions Video	Proportions Challenge	Proportions TE
6 – Percents	Percents & Probability SE	Percents & Probability Video	Percents & Probability Challenge	Percents & Probability TE
7 – Geometry	Area & Volume SE	Area & Volume Video	Area & Volume Challenge	Area & Volume TE
8 – Probability	Probability SE	Probability Video	Probability Challenge	Probability TE
9 – Statistical Measures	Statistics SE	Statistics Video	Statistics Challenge	Statistics TE
10 – Data Analysis	Data Displays SE	Data Displays Video	Data Displays Challenge	Data Displays TE

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Math Homework Hotline Review by Unit

Worksheet, Video, Challenge Question, Answer Key

7A

Grade 7 Accelerated Math – EdGems Course 2A				
Unit	Student Worksheet	Link to Video	Challenge Question	Teacher Answer Key
1 – Equations and Inequalities	Equations & Inequalities SE	Equations & Inequalities Video	Equations & Inequalities Challenge	Equations & Inequalities TE
2 – The Number System and Pythagorean Theorem	Pythagorean Theorem SE	Pythagorean Theorem Video	Pythagorean Theorem Challenge	Pythagorean Theorem TE
3 – Proportional Relationships	Proportional Relationships SE	Proportional Relationships Video	Proportional Relationships Challenge	Proportional Relationships TE
4 – Introduction to Functions	Intro to Functions SE	Intro to Functions Video	Intro to Functions Challenge	Intro to Functions TE
5 – Linear Functions	Functions SE	Functions Video	Functions Challenge	Functions TE
6 – Two-Variable Statistics	Two-Variable Statistics SE	Two-Variable Statistics Video	Two-Variable Statistics Challenge	Two-Variable Statistics TE
7 – Systems of Equations	Systems SE	Systems Video	Systems Challenge	Systems TE
8 – Area and Volume	Area & Volume SE	Area & Volume Video	Area & Volume Challenge	Area & Volume TE
9 – Angles and Triangles	Angles & Triangles SE	Angles & Triangles Video	Angles & Triangles Challenge	Angles & Triangles TE
10 – Laws of Exponents and Scientific Notation	Exponents & Scientific Notation SE	Exponents & Scientific Notation Video	Exponents & Scientific Notation Challenge	Exponents & Scientific Notation TE
11 – Transformations	Transformations SE	Transformations Video	Transformations Challenge	Transformations TE
12 – Probability and Statistics	Probability SE	Probability Video	Probability Challenge	Probability TE

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Math Homework Hotline Review by Unit

Worksheet, Video, Challenge Question, Answer Key

PreAlgebra

Grade 8 PreAlgebra – EdGems Course 3				
Unit	Student Worksheet	Link to Video	Challenge Question	Teacher Answer Key
1 – Equations and Inequalities	Equations & Inequalities SE	Equations & Inequalities Video	Equations & Inequalities Challenge	Equations & Inequalities TE
2 – The Number System and Pythagorean Theorem	Pythagorean Theorem SE	Pythagorean Theorem Video	Pythagorean Theorem Challenge	Pythagorean Theorem TE
3 – Proportional Relationships and Slope	Proportional Relationships SE	Proportional Relationships Video	Proportional Relationships Challenge	Proportional Relationships TE
4 – Functions	Functions SE	Functions Video	Functions Challenge	Functions TE
5 – Two-Variable Statistics	Two-Variable Statistics SE	Two-Variable Statistics Video	Two-Variable Statistics Challenge	Two-Variable Statistics TE
6 – Systems of Equations	Systems SE	Systems Video	Systems Challenge	Systems TE
7 – Angles and Triangles	Angles & Triangles SE	Angles & Triangles Video	Angles & Triangles Challenge	Angles & Triangles TE
8 – Laws of Exponents and Scientific Notation	Exponents & Scientific Notation SE	Exponents & Scientific Notation Video	Exponents & Scientific Notation Challenge	Exponents & Scientific Notation TE
9 – Transformations	Transformations SE	Transformations Video	Transformations Challenge	Transformations TE
10 – Probability	Probability SE	Probability Video	Probability Challenge	Probability TE

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Algebra

Review from Earlier Math Courses for Algebra Foundational Skills				
Unit	Student Worksheet	Link to Video	Challenge Question	Teacher Answer Key
0 – Fraction Operations	Fractions SE	Fractions Video	Fractions Challenge	Fractions TE
0 – Integer Operations	Integers SE	Integers Video	Integers Challenge	Integers TE
1 – Solving Linear Equations	Equations SE	Equations Video	Equations Challenge	Equations TE
2 – Solving Linear Inequalities	Inequalities SE	Inequalities Video	Inequalities Challenge	Inequalities TE
3 – Graphing Linear Functions	Coordinate Plane SE	Coordinate Plane Video	Coordinate Plane Challenge	Coordinate Plane TE
4 – Writing Linear Functions	Functions SE	Functions Video	Functions Challenge	Functions TE
5 – Solving Systems of Linear Equations	Systems SE	Systems Video	Systems Challenge	Systems TE
10 – Data Analysis and Displays	Data Displays SE	Data Displays Video	Data Displays Challenge	Data Displays TE
EOC Review	Algebra EOC Review SE	Algebra EOC Review Video	Algebra EOC Review Challenge	Algebra EOC Review TE

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