6-8 & AGA MATH SUPPORT AT HOME 2023-24





The Big Ideas Math program comes with built-in parent support. We offer families access to lesson pages and online interactive supports.

Click on grade level below to jump to page.

6th Grade	03
7th Grade	
8th Grade	13
Algebra 1, Geometry, Algebra 2	18
Algebra 1 Family Letters	23
Geometry Family Letters	24
Algebra 2 Family Letters	25

FAMILY LETTERS



Family Letters keep the home-school connection strong by involving parents in their student's learning. Parents can easily stay up-to-date on their child's education, giving them the ability to understand concepts in a whole new way and better assist their child with practice and review for assessments.



QR CODES FOR HOMEWORK & PRACTICE

Each Homework and Practice page has a QR Code® to link students and parents to at-home videos for each lesson. This provides access to the videos that align to the lessons, including click-through and video examples, including CalcView videos.

CalcView videos allow students to watch a teacher explain, step-bystep, how to solve the exact problem; look for the blue triangle.

STEP 1: 4.4 Practice with CeleChiet* AND CeleView To access videos, scan the Review & Refresh Example 4 1. 1, 355, 0.33 **2.** $0.3, \frac{9}{25}, 0.35, 33\%$ **3.** $\frac{13}{50}, 22\%, 0.26, \frac{1}{5^2}, 0.41$ **OR** Code at the bottom of Nide. 4. 19.2 - 1.6 5. 0.6130244 6. 0.930358 7. 4.65 - 0.003 FINDING A PERCENT Find the percent. (See Example 1.) your child's Student Edition What percent of 25 is 5? 14. 14 is what percent of 20? s what percent of 10? 16. What percent of 50 is 45? book. 18. What percent of 75 is 33? 21 is what percent of 60? 60 - 60 × 2 - 139 + 941 G A PART Find the part. (See Example 2.) ▶ 19. What number is 20% of 50? 20. What number is 10% of 30? What number is 30% of 150? 22. What number is 70% of 200? 23. What number is 40% of 75? 24. What number is 75% of 80? **STEP 2:** Open your cell phone camera or a QR Code B Big Ideas scanner app. Scan QR Code at the bottom of the page. Grade 6 **STEP 3**: **CHAPTER 4, SECTION 4.4** Select Click-Through Example or Page 183. Extra Example: Example Video Icon Extra Example and Extra Video, Page 183. Click-Through Example: Example 2 Page 183. Click-Through Example: Example 3 and CalcView videos to access the Page 184. Example: Example 4 videos that provide the examples Page 184. Extra Example: Example Video Icon from your child's class instruction. Click-Through Example: Example 4

Use the remaining links for

additional support.

Page 185. CalcView: 15

Page 185. CalcView: 19.

Page 186, CalcView: 29



Skills Review activities provide practice for grade level appropriate skills. This ensures students are solid on basic concept understanding. For your convenience, an Answer Key is provided for each activity.

Click ACTIVITY or ANSWERS below to access skills.

TOPIC: FACTORS AND MULTIPLES		
Least Comm	on Multiple	
<u>Activity</u>	<u>Answers</u>	
Greatest Co	nmon Factor	

Activity Answers

Prime Factorization Activity Answers

TOPIC: NUMBER PROPERTIES

Exponents and PowersActivityAnswersCube of a NumberActivityAnswers

TOPIC: INTEGERS

Comparing, Ordering, & Graphing IntegersActivityAnswersAbsolute ValueAnswersActivityAnswersAdding and Subtracting IntegersActivityAnswersMultiplying and Dividing IntegersActivityAnswers

TOPIC: THE COORDINATE PLANE			
<u> The Coordinate Plane: First Quadrant</u>			
<u>Activity</u>	Answers		
The Coordinate Plane			
<u>Activity</u>	Answers		
Finding Distance in a Coordinate Plane			
<u>Activity</u>	Answers		

TOPIC: DECIMALSFractions and DecimalsActivityAnswers

TOPIC: PERCENTS

Percents Activity **Answers Percents and Fractions** Activity **Answers Percents and Decimals** Activity Answers **Comparing Percents** Activity **Answers The Percent Proportion** Activity **Answers The Percent Equation** Activity Answers



SKILLS REVIEW HANDBOOK, cont'd

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Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: RATIOS. RATE. AND PROPORTIONS

Ratios Activity Rates Activity

Answers

Ratio Tables Activity

Answers **Answers**

TOPIC: EXPRESSIONS, EQUATIONS, & INEQUALITIES

Writing Numerical Expressions

Activity Answers

Evaluating Algebraic Expressions

Activity

Answers Writing Algebraic Expressions & Equations

Activity **Answers**

Simplifying Algebraic Expressions

Activity Answers Writing and Graphing Inequalities Answers Activity

TOPIC: DATA ANALYSIS

Box-and-Whisker Plots Activity Answers **Histograms** Activity Answers **Identifying Outliers** Activity **Answers**

TOPIC: THREE-DIMENSIONAL SHAPES & SURFACE AREA Surface Area of Prisms Activity **Answers**

Surface Area of Pyramids Activity Answers

TOPIC: FRACTIONS. DECIMALS & PERCENTS

Multiplying and Dividing Fractions Activity Answers

Writing Fractions, Decimals, and Percents Activity Answers

TOPIC: REAL NUMBERS

Operations with Integers Activity **Answers**

TOPIC: STATISTICAL MEASURES

Measures of Center Answers Activity

TOPIC: DATA DISPLAYS

Dot Plots Activity

Answers



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Click Below to Access Video

BIG IDEAS MATH	My Math Cla	ss Grode 1: FL 2023 Y	scounting002
Skills Trainer			
Chapter Grade			
к	Adding and Subtracting within 20	Comparing	Counting
1		Compose a Numbers Using Symbols	Counting to 120 by Ones
2	Solving Addition Equations Vicen One Addend is 0	Supporting umbers 11 to 19 Using	Counting to 120 by Tens
3	Adding 1 to a Number	els	
4		Comparing Numbers Within 100 Using addels	Counting and Writing Numl 120
5	Subtracting 1 from a Number		Counting Backward from 1
6	Adding Doubles from 1 to 5	Comparing Numbers Within 100 Using Place Value	Ones
7 👌	Using Doubles Within 10 to Find Sums	Comparing Numbers Using a Number Line	Counting by Twos and Cour Fives
8	Counting On to Add Within 10		Counting to 120 by Ones
Algebra I		Measurement	Counting to 120 to Teos



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Exponents and Rational Numbers (continue) Image: send Rational Numbers (continue) Image: send Rational Numbers Image: send Rational Numbers	Click <u>HERE</u> to Access All Grade 7
Image: Properties Dear Family. Period Dear Family. Period Dear Family. Period People shop on the Internet, talk to one another using email, and kee and video albums. Computers represent all this information using meriod the binary system. For example, the number 45 is represented at the binary system. For example, the number 45 is represented at 32 + 8 + 4 + 1 = 2 ⁶ + 2 ³ + 2 ³ + 2 ² + 2 ³ . Try this with your student. Ration Find the first eight powers of two, starting with 2 ⁹ = 1. We on the blanks under the powers of two in the table. Power 2^7 2^6 2^4 2^2 2^4	eep digital photo numbers. Compter Compter Compter Compter Continued Arite these values $a_{\pm} = 2^{\pm} = 2^{\pm} = 1$ $a_{\pm} = 2^{\pm} = 2^{\pm} = 2^{\pm} = 1$ $a_{\pm} = 2^{\pm} = 2^{\pm} = 2^{\pm} = 2^{\pm} = 1$ $a_{\pm} = 2^{\pm} $
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Page 185. CalcView: 19.

Page 186, CalcView: 29

SKILLS REVIEW HANDBOOK

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Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: NUMBER PROPERTIES

Order of Operations with ExponentsActivityAnswers

TOPIC: PROPERTY OF EXPONENTS

Product of Powers PropertyActivityAnswers

Quotient of Powers PropertyActivityAnswers

Zero and Negative ExponentsActivityAnswers

TOPIC: PERCENTS

Estimating and Finding a DiscountActivityAnswers

Estimating and Finding a Sales TaxActivityAnswersEstimating and Finding a TipActivityAnswers

Simple InterestActivityAnswers

TOPIC: RATIOS, RATES, AND PROPORTIONS

Proportions Activity

Answers

TOPIC: EXPRESSIONS, EQUATIONS, ANDINEQUALITIESWriting Algebraic Expressions and EquationsActivityAnswers

TOPIC: ALGEBRAIC PROPERTIES

Properties of EqualityActivityAnswers

TOPIC: FUNCTIONS AND GRAPHS

Graphs of Proportional RelationshipsActivityAnswers

TOPIC: PERIMETER AND AREA

Circles and CircumferenceActivityAnswersAreas of CirclesActivityAnswers

TOPIC: THREE-DIMENSIONAL SHAPES AND SURFACE AREA

Surface Area of CylindersActivityAnswers



SKILLS REVIEW HANDBOOK, cont'd

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Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: VOLUMES OF SOLIDS

Volumes of CylindersActivityAnswers

TOPIC: COUNTING OUTCOMES

Sample SpaceActivity

<u>Answers</u>

TOPIC: FRACTIONS, DECIMALS, & PERCENTS

Equivalent Fractions & Simplifying Fractions

<u>Activity</u>

<u>Answers</u>

Mixed Numbers and Improper FractionsActivityAnswers

Calculating with Percents

<u>Activity</u>

Answers

TOPIC: REAL NUMBERS

Operations with Rational Numbers

<u>Activity</u>

<u>Answers</u>

TOPIC: PROPORTIONALITY

Direct VariationActivityAnswersSolving ProportionsActivityAnswers

TOPIC: DATA DISPLAYS

<u>Circle Graphs</u> <u>Activity</u> <u>Answers</u>

Stem-and-Leaf Plots

Activity Answers

TOPIC: ALGEBRAIC EXPRESSIONS AND EXPONENTS

Simplifying Algebraic Expressions

Activity Answers Powers and Exponents Activity Answers

Distributive Property

<u>Activity</u> <u>Answers</u>

Order of Operations

Activity Answers



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BIG IDEAS MATH	My Math Cla	ss Grode 1: FL 2023 Y	scounting002
Skills Trainer			
Chapter Grade			
к	Adding and Subtracting within 20	Comparing	Counting
1		Company a Numbers Using Symbols	Counting to 120 by Ones
2	Solving Addition Equations V (en One Addend is 0	smparing umbers 11 to 19 Using	Counting to 120 by Tens
3	Adding 1 to a Number	els	Counting and Writing Num
4	Subtracting 1 from a Number	Comparing Numbers Within 100 Using Lodels	120
5	Adding Doubles from 1 to 5	Comparing Numbers Within 100	Counting Backward from 12 Ones
6	Pound pounds non 1 to 2	Using Place Value	
7 🤚	Using Doubles Within 10 to Find Sums	Comparing Numbers Using a Number Line	Counting by Twos and Cou Fives
8	Counting On to Add Within 10		Counting to 120 by Ones
Algebra I	Counting Dark to Subtract Militain 10	Measurement	Counting to 120 to Tens



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	Learning Target Understand solving	Success Criteria • I can use inverse operations to solve inequalities. • I can explain how to solve two-step				.ess	
nd s	equations and inequalities.	I can apply equation I can solve real-life problems. I can apply properties of equality t			Gr	ade e	3
Simple	Write and solve one-step equations.	equineur			Family	Let	ters
	Chapter 1	quations and Inequa	lities				
h th	Dear Family, Shopping and	following a budget are important g the solutions to equations and in ast* \$50 or "no more than" \$20 i	life skills. Decisions often equalities. Situations that wolve solving inequalities.	A LI	Learning Target		
	require at it	t together to wr	since and	Linear Equations and	Understand graphing • I o	Success Cri an identify a linear equation.	
olvi incq	inequalities	to Howence or hours				in anaph linear equation, an anaph linear equations and	linear systems.
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		w many more movie ficked of the ning show can he or she get wit nich phone plan is cheaper base	Running	tand is a popular			real-life problem,
			provided the ingredie	a lemonade stand to earn ints at no cost, so any sal ith \$30 for making sh	children to earn money. Su money for a new bike. You i es are all profit.	pose	ionship is a
		d many other situations help a g to use this?" for your stude	The cashbox starts w much money should be	ith \$30 for making chan	es are all profit.	have	's a proportional
		ney smartl have fun spending wisely	Amount in cashb	ith \$30 for making changes in the cashbox with a line ox = (Initial amount) + (Control of the control of the co	ear equation. lass price) × (Glasses sold)	how	s a proportional nal relationships,
	May you	have full space 5	Income	y = 30 + 0.5x	lass price) × (Glasses sold)	1	it of a line given
			because the amount of increasing. The slope is	ion, the line slopes upwar	d bit		-intercept form. graph linear
2 Fk	1		unit price: \$0.50 per ol	positive and equal to the	Xodd arg		t of a line.
Re			The v-interest in	ichlonade, or 0.5.	33		to write an
	1		\$30.	thorney the cash	box Glasse	and a lateral second	form to solve
	1		Suppose a sub-		control	ade of	linear
			has \$5 to spend on glasses depends on how many glass Amount remaining = (s of lemonade. The amount	nade stand. You neighbor	1 1	is a solution of
	1		Amount remaining = (Initial amount)	hases. hases. rice) × (Glasses bought)		solution, or
			Y=5	- 0.5x	rice) × (Glasses bought)		a system.
			In a graph of the equation, because the money left to s slope is negative and equal th lemoney of the state o	the line slopes downward		S with	h any number
	Copy	ight © Big Ideas Learning, LLC	lemonada and equal to	o the cost of any. The	Building and		
	Allrig	hts reserved.	correspond to the starting p and \$5) and the possible end	oint (no glasses bound of	Z Rem		
	-		money remaining)	glasses bow	the second		
			Enjoy your lemonade stand we	-11	Glasses of Lemonade	X Al r	Learning, LLC phts reserved.

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Page 185. CalcView: 19.

Page 186, CalcView: 29



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TOPIC: NUMBER PROPERTIES

Order of Operations with Exponents

TOPIC: PROPERTY OF EXPONENTS

Zero & Negative Exponents

Scientific Notation

Properties of Equality

Properties of Inequality

Properties of Exponents

TOPIC: COUNTING OUTCOMES

<u>Activity</u>

Activity

Activity

Activity

Activity

Activity

Activity

Answers

Answers

Answers

Answers

Answers

Answers

TOPIC: ALGEBRAIC PROPERTIES

TOPIC: FUNCTIONS AND GRAPHS

Describing Linear PatternsActivityAnswers

<u>Function Rules</u> <u>Activity</u>

Graphs of Equations

Activity Answers

Independent and Dependent VariablesActivityAnswers

<u>Slope</u> Activity

<u>Answers</u>

Answers

TOPIC: SQUARE ROOTS AND CUBE ROOTS

<u>Square Roots</u> <u>Activity</u>

<u>ctivity</u> <u>Answers</u>

Properties of Square Roots

<u>Activity</u> <u>Answers</u>

Approximating Square Roots

<u>Activity</u> <u>Answers</u>

Adding & Subtracting Square Root Expressions

Activity Answers

The Pythagorean Theorem

<u>Activity</u>

<u>Answers</u>

Fundamental Counting Principle

Answers

<u>Activity</u>

Tree Diagrams

<u>Answers</u>

MORE TOPICS ON NEXT PAGE

SKILLS REVIEW HANDBOOK, cont'd

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Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: REAL NUMBERS

Comparing and Ordering Real NumbersActivityAnswers

TOPIC: FUNCTIONS

FunctionsActivityAnswersGraphing Linear FunctionsActivityAnswers

TOPIC: ALGEBRAIC EXPRESSIONS AND EXPONENTS

Simplifying Algebraic ExpressionsActivityAnswers

TOPIC: PROPORTIONALITY

Ratios and ProportionsActivityAnswers

TOPIC: DATA DISPLAYS

<u>Scatter Plots</u> <u>Activity</u> Answ

<u>Answers</u>

TOPIC: ANGLES AND LINES

Using Angle RelationshipsActivityAnswersFinding Angles of TrianglesActivityAnswersActivityAnswersAngles of PolygonsActivityAnswers

THE COORDINATE PLANE & LINEAREQUATIONSSlope of a LineActivityAnswersSlope-Intercept FormActivityAnswersMitting Linear EquationsActivityAnswersCraphing Linear EquationsActivityAnswersActivityAnswersActivityAnswersActivityAnswersActivityAnswers

TOPIC: TRANSFORMATIONS

TransformationsActivityAnswersTranslationsAnswersActivityAnswersReflectionsAnswersActivityAnswersRotationsAnswersDilationsAnswersActivityAnswers

TOPIC: SOLVING EQUATIONS & INEQUALITIES

Solving Linear EquationsActivityAnswersSolving Linear InequalitiesActivityAnswers



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Chapter Grade			
к	Adding and Subtracting within 20	Comparing	Counting
1		Comparing Numbers Using Symbols	Counting to 120 by Ones
2	Solving Addition Equations Vicen One Addend is 0	Semparing umbers 11 to 19 Using	Counting to 120 by Tens
3	Adding 1 to a Number	Rels	
4	Subtracting 1 from a Number	Comparing Numbers Within 100 Using odels	Counting and Writing Numb 120
5	Adding Doubles from 1 to 5	Comparing Numbers Within 100 Using Place Value	Counting Backward from 12 Ones
7 კ	Using Doubles Within 10 to Find Sums	Comparing Numbers Using a Number Line	Counting by Twos and Coun Fives
8	Counting On to Add Within 10		Counting to 120 by Ones
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STEP 1:

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2.2 Practice with CalcLinat* AND CalcVIEW*

STEP 2:

Open your cell phone camera or a QR Code scanner app. Scan QR Code at the bottom of the page.

STEP 3:

B Big Ideas

Algebra 1

CHAPTER 2, SECTION 2.2

Page 59. Explore: Explore It!

Page 60. Example: Example 1
Page 60. Extra Example: Example Video Ico

Page 62. Did You Know?: Extra Example Video

Icon Page 62. Stem: Did You Know? Icor

age 62. Click-Through Example: Ex

Page 63, CalcView: 3

Page 63, CalcView: 7

Select Click-Through Example or Extra Example and Extra Video, and CalcView videos to access the videos that provide the examples from your child's class instruction. Use the remaining links for additional support.





SKILLS REVIEW HANDBOOK

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NOTE: Algebra 1, Geometry, and Algebra 2 are combined below

Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: SQUARE ROOTS AND CUBE ROOTS

Simplying Square Roots Activity Answers

Cube Roots Activity

Answers

TOPIC: REAL NUMBERS

Operations with Complex Numbers Activity Answers

Operations with Radicals Activity

Answers

TOPIC: ALGEBRAIC EXPRESSIONS AND EXPONENTS

Properties of Exponents Activity Answers

Properties of Exponents Including Rational Exponents Activity **Answers**

TOPIC: PROPORTIONALITY

Solving Proportions Activity Answers **TOPIC: POLYNOMIALS Adding and Subtracting Polynomials** Activity Answers **Multiplying Polynomials** Activity Answers **Factoring Polynomials** Activity Answers **Dividing a Polynomial by a Monomial** Activity **Answers**

TOPIC: SOLVING EOUATIONS AND INEQUALITIES

Solving Absolute Value Equations Activity Answers

Solving Quadratic Equations Activity Answers

Solving Radical Equations Activity Answers

Rewriting Equations With Two or More Variables Activity Answers

Solving Compound Inequalities Activity Answers

MORE TOPICS **ON NEXT PAGE**



SKILLS REVIEW HANDBOOK cont'd

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NOTE: Algebra 1, Geometry, and Algebra 2 skills are combined below

Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: THE COORDINATE PLANE AND LINEAR EQUATIONS

Solving Systems of Equations

<u>Activity</u> <u>Answers</u>

Linear Inequalities in Two Variables

Activity Answers

Parallel and Perpendicular Lines

<u>Activity</u> <u>Answers</u>

Equations of Perpendicular Lines

<u>Activity</u> <u>Answers</u>

Equations of Parallel Lines

Activity Answers

Focus of a Parabola

<u>Activity</u> <u>Answers</u>

Systems of Two-Variable Linear Inequalities

<u>Activity</u>

Answers

TOPIC: FUNCTIONS

Graphing Linear Functions

Activity Answers

Function Notation

Activity Answers

Zeros of Quadratic Functions

Activity Answers

Exponential Functions

<u>Activity</u> <u>Answers</u>

Graphing Quadratic Functions

Activity Answers

Graphing Absolute Value Functions

Activity Answers

TOPIC: VOLUMES OF SOLIDS

Volumes of Triangular Prisms

<u>Activity</u> <u>Answers</u> Volumes of Pyramids

Activity Answers

Volumes of Cones

Activity Answers

Volumes of Spheres

Activity Answers

MORE TOPICS ON NEXT PAGE



SKILLS REVIEW HANDBOOK cont'd - 2

Skills Review activities provide practice for grade level appropriate skills. This ensures students are solid on basic concept understanding. For your convenience, an Answer Key is provided for each activity.

NOTE: Algebra 1, Geometry, and Algebra 2 are combined below

Click <u>ACTIVITY</u> or <u>ANSWERS</u> below to access skills.

TOPIC: GEOMETRY

Perimeter and Area of FiguresActivityAnswersSurface Area

Activity Answers

<u>Volume</u>

Activity Answers

Inductive Reasoning

<u>Activity</u> <u>Answers</u>

Using Midpoints

Activity Answers

Naming and Bisecting Angles

Activity Answers

Parallel Lines and Transversals

Activity Answers

TOPIC: STATISTICAL MEASURESStandard DeviationActivityAnswers

TOPIC: TRANSFORMATIONS, CONGRUENCE, AND SIMILARITY

Line Symmetry

Activity Answers

<u>Congruent Figures</u>

<u>Activity</u> <u>Answers</u>

<u>Similar Figures</u>

Activity Answers

Congruent Triangles

Activity Answers

TOPIC: DATA DISPLAYS Venn Diagrams

Activity Answers
Histograms
Activity Answers
Box-and-Whisker Plots
Activity Answers

SKILLS TRAINER FOR AGA

Skills Trainer is a built-in program that provides ample opportunities for students to practice and achieve fluency in skills from prior grades.

Ready for the bonus? Skills Trainer does not have to be assigned by a teacher because students have full access to every skill along with unlimited practice opportunities.

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к	Absolute Value Equations	Absolute Value Functions	Arithmetic with Po and Rational Expre
1	Solving an Absolute Value Equation	Graphing Horizontal and Vertical Translations of Absolute Value	Add and subtract polyn
2	Solving Equations with Two Ab plute Values	1. Hions	degree two or less.
4		Graphing tretches, Shrinks, and Reflections of Absolute Value	Multiply binomials.
5	Classifying Numbers	Graphing Absolute Value Functions	Multiply binomials and t
6	Identify whether the sum or product of two real numbers is rational or irrational.	describing Characteristics of Absolute Value Functions	Factor the difference of
7	irrauonai.		Factor $x^2 + bx + c$.
8	Describing Data	Comparing Functions	Factor $ax^2 + bx + c$.
Algebra I	Use the shapes of data distributions to choose appropriate measures.	Compare linear, quadratic, and exponential functions using average rates of change.	Factor perfect square tr
Geometry	Find the standard deviation of a data		Factor polynomials by g
	•	_	

SCAN MF





Algebra 1 FAMILY **LETTERS**

Family Letters keep the home-school connection strong by involving parents in their student's learning. Parents can easily stay up-to-date on their child's education, giving them the ability to understand concepts in a whole new way and better assist their child with practice and review for assessments.





Geometry FAMILY **LETTERS**

Family Letters keep the home-school connection strong by involving parents in their student's learning. Parents can easily stay up-to-date on their child's education, giving them the ability to understand concepts in a whole new way and better assist their child with practice and review for assessments.





Algebra 2 FAMILY **LETTERS**

Family Letters keep the home-school connection strong by involving parents in their student's learning. Parents can easily stay up-to-date on their child's education, giving them the ability to understand concepts in a whole new way and better assist their child with practice and review for assessments.

apter Quadra	tic Equations and Complex Numbers (continued)	Click HERE to
3		Click <u>HERE</u> to
U	Learning Target Success Criteria inderstand solutions • I con explain what a solution to a que to the solution to the so	
dratic Equations Complex Numbers	f quadratic aquations:	Access All
Solving Quadratic	Solve quadratic • I can solve quadratic	DuteAlaphana 2
Equations 2 Complex No	Name	AIGEDI G L
Competition	Chapter Quadratic Equations and Comple	ex Numbers Algebra 2 Family Letters
.3 Completing	Earth and the atth	the hall is in the
Square	Dear Family. Have you ever noticed that when a baseball is hit, the path of shape of a parabola? Quadratic equations can also be used to shape of a parabola? The parabola of the heigh	to model the height ht of a baseball over
3.4Using the	Have you ever noticed that when a based of the shape of a parabola? Quadratic equations can also be used to of a baseball with respect to time. An example of the heigh time is shown in the graph below.	Charte
Quadratic I	time is shown in the p	5 Rational Exponents and Radical Functions (continued)
3.5 Solving Sys	40 million 10 million	Chanter 8 Cearning Target
of Equation	Contraction Contra	Rational Frances Understand rational Success Criteria
3.6 Quadratic	Time (second) The ball is hit 3 feet from the ground, so the initial heig graph, you can also see that the ball is in the air for abou graph, you can also see that the ball is of the second s	put 4 Figure scheme in the second scheme root and sube root
Inequalities	graph, you can any height of about 80 reen.	e Of Name
	straking together, list live in the shape of a part	ebé Ghanten
3.7 Systems of Inequalities	height with the part of the initial post	Date
	 Determine a reasonable value value to the time the Determine a reasonable domain for the time the 	f
	batamine a reasonable tag	Dear Family
	Oreclinities Graph the path of the object. Consider the following questions: consider the following questions:	In this chapter, you will solve equations to determine depreciation values of items. When an item depreciates, it loses value over time. You may have of that when you buy a new car, the can have value over time. You may have a solution of decomptions of the solution
	Consider the following questions: What does the x-intercept represent for each What does the x-intercept represent is in the	items. When an item depreciates, it loses value over time. You may have heard that when you buy a new car, the car loses value once you drive it off the lot. According to a certain website, the average depreciation rule for an event. That means, if you have heard generative for an event of the lot.
78 Florida Resour		about the certain website, the guess value once you drive it off the
Pleasa		
	 What determines the hards You can use the Internet to learn more about the of You can use the Internet to learn more about the of the second sec	your car is only worth 37% of what you originally paid. Not all cars depreciate your car is only worth 37% of what you originally paid. Not all cars depreciate at the same rate, so these numbers are overages. Sources such as Keller, but Book give the market value prices for all or all cars depreciate
Concession of the local division of the loca	You can use the Internet to learn more about equations in sports. In this chapter, you will find a equations in sports and learn several techniques for find	
	equations in sport learn several techniques for the	that we have a set of the market value prices for elle
	of an object and the function	accurate value to a give specific information of used vehicles. When you use
	graph of a quadratic tunction Next time you are at a sporting event, notice ho	Warking to sell your unbiate and you have an
	of parabolas you seel	Complete the critical three difference
	of parabones /	For a fair comparing the price of each cars to research.
		Complete the table by finding the price of each car for five years. For a fair comparison of each car, choose a constant annual mileage
		two
	Copyright © Big Ideas Learning, LLC	Year Car Values Mis
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		Use the completed table is
		Use the completed table to answer the following questions.
		Which car has the lowest depreciation rate? the highest? Which car would you be most likely and the highest?
		Which car would you be most likely to buy? Explain. What factors contribute to explain.
		What factors contribute to a vehicle's depreciation rate?
		When buying a new or a used car, you may also want to use the Internet to compare the reliability of each car. This may end up styling used
		to compare the reliability of each car. This may end up saving you time
		in the long run.

And remember to always buckle up