

Student Name _____

It is recommended that students who are entering grades 6, 7, or 8 spend about 30 minutes per week solidifying understandings of topics. All practice topics listed below can be found on Khan Academy. We encourage students to create a login to track their progress. Please note that summer work is voluntary, though some teachers may give credit for a completed log handed in on the first day of school. Parent/Guardian signature indicates verification of a student's log.

Parent/Guardian Signature

Date

Students Entering 6th Grade

Concept to Practice: Whole Number Operations and Fractions

Live links are provided below. If you cannot access the links, go to www.khanacademy.org. Under "Subjects", select "Math By Grade: Eureka Math/EngageNY" and follow the links to "Get Remediation Support" and "6th Grade Foundations (Eureka Math/EngageNY)".

- [Module 1, Topic A: Foundations](#)
 - Compare with Multiplication
 - Compare with Multiplication Word Problems
 - Fractions as Division
- [Module 1, Topic C: Foundations](#)
 - Fractions as Division
 - Fractions as Division Word Problems
- [Module 2, Topic A: Foundations](#)
 - Multiplying Fractions with Visuals
 - Multiplying Mixed Numbers
 - Divide Fractions by Whole Numbers Visually
 - Divide Whole Numbers by Unit Fractions Visually

- [Module 2, Topic B: Foundations](#)
 - Multiply Without Regrouping
 - Multiply with Regrouping
 - Multi-Digit Multiplication
- [Module 3, Topic C: Foundations](#)
 - Division by 2-digits
 - Multiplication and Division Word Problems
 - Multi-step word problems with Whole Numbers
 - Divide with Remainders (Basic)
 - Basic Multi-Digit Division

Concept to Practice: Decimal Operations

Live links are provided below. If you cannot access the links, go to www.khanacademy.org. Under "Subjects", select "Math By Grade: 5th". Each of the topics will be listed further down the page.

- [5th Grade Arithmetic Operations](#)
 - Common Fractions and Decimals
 - Adding Decimals 1 - 6
 - Subtracting Decimals 1 - 8
 - Estimating Multiplication Of Decimals
 - Multiplying Decimals 1 - 3
 - Estimating with Dividing Decimals
 - Division of Decimals 1 - 8

- [5th Grade Place Value and Decimals](#)
 - Round Decimals
 - Round Decimals Using a Numberline
 - Round Decimal Word Problems
 - Multiply and Divide Whole Numbers by 10, 100, 1000
 - Powers of Ten
 - Multiply and Divide Whole Numbers by Powers of 10, 100, and 1000
 - Compare Decimal Place Value

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Students Entering 7th Grade

Live links are provided below. If you cannot access the links, go to www.khanacademy.org. Under "Subjects", select "Math By Grade: Eureka Math/EngageNY" and follow the links to "Get Remediation Support" and "7th Grade Foundations (Eureka Math/EngageNY)".

Concept to Practice: [Ratios, Rates, and Comparisons](#)

- [Module 1, Topic A: Foundations](#) (Ratios)
- [Module 1, Topic B: Foundations](#) (Rates)
- [Module 1, Topic C: Foundations](#) (Comparing Rates; One-Step Equations)
- [Module 1, Topic D: Foundations](#) (Areas of Parallelograms and Triangles)

Concept to Practice: [Operations, Decimals and Fractions](#)

- [Module 2, Topic A: Foundations](#) (Negative Numbers)
- [Module 2, Topic B: Foundations](#) (Multiplying and Dividing Fractions)
- [Module 2, Topic C: Foundations](#) (Operations with Decimals; Distributive Property)

Concept to Practice: [Percents](#)

- [Module 4, Topic A: Foundations](#) (Percents)
- [Module 4, Topic B: Foundations](#) (Percent Word Problems)
- [Module 4, Topic C & D: Foundations](#) (Unit Rate Review; Area Review)

Live links are provided below. If you cannot access the links, go to www.khanacademy.org. Under "Subjects", select "Math By Grade: 6th". Each of the sections will be listed further down the page.

Concept to Practice: [Number Lines and Coordinate Planes](#)

- [6th Grade Negative Numbers \(all topics\)](#)

Concept to Practice: [Area, Volume, and Surface Area](#)

- [6th Grade Geometry \(all topics\)](#)

Concept to Practice: [Factors and Multiples](#)

- [6th Grade Properties of Numbers \(all topics\)](#)

Concept to Practice: [Algebraic Concepts](#)

- [6th Grade Equivalent Expressions \(all topics\)](#)

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Students Entering 8th Grade

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Concept to Practice: [Geometry](#)

- [Module 2, Topic A, B, C, and D: Foundations](#) - do all practice questions

Concept to Practice: [Variables, Expressions, & Equations](#)

- [Module 4, Topics A, B, C, and D: Foundations](#) - do all practice questions

Concept to Practice: [Proportional Relationships](#)

- [Module 5, Topic A: Foundations](#) (Proportional Relationships)

Concept to Practice: [Two Step Equations; Coordinate Plane](#)

- [Module 6, Topic A: Foundations](#) (Two-Step Equations)
- [Module 6, Topic B & C: Foundations](#) (The Coordinate Plane)

Live links are provided below. If you cannot access the links, go to www.khanacademy.org. Under "Subjects", select "Math By Grade: 7th". Each of the sections will be listed further down the page.

Concept to Practice: [More Expressions, Equations, and Inequalities](#)

- [7th Grade \(all topics\)](#)

Concept to Practice: [Fractions, Decimals, and Percentages](#)

- [7th Grade \(all topics\)](#)

Concept to Practice: [Negative Numbers: Multiplication and Division](#)

- [7th Grade \(all topics\)](#)