

**Summer Math Review for Students Entering 7th Grade 2024-2025**  
**The Christian School at Castle Hills**

Dear Students and Parents,

I am so excited to be serving as your 7th Grade teacher this coming school year. To ensure that you are equipped with pre-requisite knowledge, and to help you avoid the “Summer Slide” that often comes with a summer away from school, I am asking that all students entering 7th grade complete the attached summer math packet. **This assignment is required and will be due at the beginning of the school year. It will serve as your first TWO quiz grades.**

The packet is designed for students to tackle one concept a week, though you may choose to double up to accommodate vacations and other plans. Please do not try to complete the packet all at once, but rather pace it out over the course of the summer to keep your mind sharp and working all summer long.

I recommend getting a folder to keep all of your work in so that pages do not get misplaced. For each section, you will **complete each problem in pencil showing all work**. You can put your answers in an answer column or box them in neatly, but I should not have to search for your answers. If you get stuck, I have linked resource documents and videos that I find helpful to the web version of this assignment. If you feel that you need additional practice, IXL and Khan Academy are a great resource.

After completing a practice set, turn to the answer key and check your work and **complete corrections with a grading pen or pencil** (a different color). To correct a mistake, you will need to find your error and rework the problem- **you may not just copy the correct answer**, that will not help you grow. Your grade will be a completion grade. **You WILL NOT get credit if your work and your corrections are not clearly and neatly shown where necessary.**

It is my hope that this packet will help you to enter your 7th Grade Math coursework with confidence. If you have any questions about the assignment, feel free to email me. I will be checking email once a week over the summer. You can also reach out to the secondary office if you need a quick reply.

In His Service,

Mrs. Courtney Thompson  
Secondary Mathematics  
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**Summer Math Practice and Recommended Pacing:**

June: Number Sense

**Week 1 Practice Sheet:** [Rounding and Place Value](#)

- Resources/Notes: [Rounding and Place Value](#)
- Optional [Additional IXL Practice](#) with Rounding

**Week 2: Practice Sheet:** [Converting Between Fractions, Decimals, and Percents](#)

- Resources/Notes: [Changing Between Types of Rational Numbers](#)
- Optional [Additional IXL Practice](#) with Fraction and Decimal Conversions

**Week 3: Unit Conversions Practice (2 Sheets) :** [Customary Units](#) and [Metric Units](#)

- Resources/Notes: [Customary Conversion Chart](#), [Metric Conversion Chart](#)
- Optional Additional IXL Practice with Unit Conversions:
  - [Customary Conversions](#)
  - [Metric Conversions](#)

**Week 4:** [Understanding Exponents Notes and Practice](#)

- Optional [Additional IXL Practice](#) with exponents

July: Operations with Rational Numbers

**Week 1 Practice:** [Fraction Operations](#)

- Resources/Notes: [Fraction and Decimal Operations Cheat Sheet](#)
- Optional [Additional IXL Practice](#) with Fraction Operations

**Week 2 Practice:** [Decimal Operations](#)

- Resources/Notes: [Fraction and Decimal Operations Cheat Sheet](#)
- Optional [Additional IXL Practice](#)

**Week 3 Practice:** [Integer Operations](#)

- Resources/Notes: [Integer Operations Cheat Sheet](#)
- Optional [Additional IXL Practice](#) with Integer Operations
- Optional [Additional IXL Practice](#) with Absolute Value

**Week 4 Practice:** [Order of Operations](#)

- Notes/Resources: [Order of Operations Cheat Sheet](#)
- Optional [Additional IXL Practice](#) with Order of Operations

August: Equations and Formulas

**Week 1 Practice Sheet:** [Solving One and Two Step Equations with Integers](#)

- Resources/Notes: [Solving Equations Cheat Sheet](#)
- Optional [Additional IXL Practice](#): One Step Equations with Integers

**Week 2: Formulas and Shapes:** [Area and Volume Practice](#)

- Resources/Notes: [6th Grade Reference Sheet](#); [7th Grade Reference Sheet](#)
- Optional Additional IXL Practice:
  - ◆ [Area of Rectangles and Squares](#)
  - ◆ [Area of Parallelograms](#)
  - ◆ [Area of Triangles](#)
  - ◆ [Volume of Cubes and Rectangular Prisms](#)

**Week 3: Get Ready to Return to School!**