

## 6th Grade Math Summer Resources

Please use the following resources to keep your skills sharp this summer. Completion is not mandatory, however, the skills below are essential to success in 6th Grade Advanced Math. If you choose to, keep track of the assignments you finish by checking off the corresponding boxes. Bring a printed and signed copy of this document on the first day of school to earn a prize!

### Khan Academy

Watch the videos as necessary to review skills. Complete practices to earn rewards through Khan Academy!

☐ [5th Grade Fractions Unit](#)

*Equivalent Fractions, Simplifying Fractions, Adding, Subtracting, and Multiplying Fractions*

☐ [5th Grade Place Value & Decimals Unit](#)

*Read and Write Decimals, Round to the Hundredths Place, Multiply by Powers of 10*

☐ [Khan Order of Operations Unit](#) & [5th Grade Algebraic Thinking Unit](#)

*Simplify Expressions using Order of Operations (PEMDAS)*

☐ [5th Grade Geometry Unit](#)

*Plotting Points on the Coordinate Plane, Finding Area and Perimeter, Identifying Shapes*

☐ [5th Grade Measurement and Data Unit](#)

*Finding Volume, Creating Dot Plots*

☐ [5th Grade Algebraic Thinking Unit](#)

*Writing expressions, number patterns*

### IXL Assignments

(Use your login from 5th grade - Subscriptions expire July 31st)

If you need refreshers on any of the concepts below, you can utilize the search engine on Khan Academy before attempting the IXL assignments.

#### Number Sense:

- ☐ [Prime & Composite Numbers](#)
- ☐ [Multiply 2-Digit Numbers by 3-Digit Numbers](#)
- ☐ [Place Value](#)

#### Fractions:

- ☐ [Simplifying Fractions](#)
- ☐ [Equivalent Fractions](#)
- ☐ [Convert between Improper Fractions & Mixed Numbers](#)
- ☐ [Adding Fractions, Subtracting Fractions](#)
- ☐ [Adding and Subtracting Fractions Word Problems](#)
- ☐ [Multiplying Fractions](#)
- ☐ [Multiplying Mixed Numbers](#)

#### Decimals:

- ☐ [Rounding Decimals](#)
- ☐ [Compare and Order Decimals](#)
- ☐ [Add and Subtract Decimals](#)
- ☐ [Multiply Decimals](#)

#### Data & Graphing:

- ☐ [Graph Points on the Coordinate Plane](#)
- ☐ [Reading a Table](#)
- ☐ [Interpreting a Line Graph](#)
- ☐ [Mean, Median, Mode, and Range](#)

#### Geometry:

- ☐ [Finding Area & Perimeter](#)
- ☐ [Finding Volume](#)
- ☐ [Lines, Segments, & Rays](#)
- ☐ [Perpendicular and Parallel Lines](#)

#### Statistics

- ☐ [IXL Interpret Box & Whisker Plots](#)
- ☐ [IXL Interpret Part 2](#)
- ☐ [Histograms IXL](#)
- ☐ [Line Graphs IXL](#)

	<ul style="list-style-type: none"><li><input type="checkbox"/> <a href="#">Dot Plots IXL</a></li><li><input type="checkbox"/> <a href="#">Bar Graphs IXL</a></li></ul>
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Student Name: \_\_\_\_\_

Parent Signature: \_\_\_\_\_