

## MATH SUMMER LEARNING MENU

### For Students Entering into 6th Grade

**Student Name:** \_\_\_\_\_

Congratulations on finishing 5th grade! Just like practicing a sport or musical instrument helps you stay strong and improve, practicing math and language arts helps to keep your skills sharp and build new ones.

Your summer work grade will be the total number of “May Do” and “Must Do” points earned for a total of 100 points.

- **“Must Do”** - The “Must Do” is an assessment.
- **“May Do”** - There are several options you “May Do” to earn points while you practice this summer. With your parents, choose one or more “May Do” options to earn up to the points listed, and make a plan to finish the work independently.

#### Must Do Requirement - 40 Points Possible

##### Test on Summer Required Work:

The first week of school, **all students will take a math assessment** on the skills they learned in the previous grade and during the summer.

- **You may utilize any resources to practice for this test including, but not limited to:**
  - Online links and/or IXL
  - Tutoring
  - Classes
- **Specific skills to be assessed (and review links):**
  - Order of Operations
    - [Math Antics - Order of Operations](#)
    - [Math with Mr J - Order of Operations - PEMDAS - Part 1](#)
    - [Math with Mr J - Order of Operations - PEMDAS - Part 2](#)
  - Exponents
    - [Math Antics - Exponents](#)
    - [Math with Mr J - What is an Exponent](#)
  - Prime Factorization to find GCF and LCM
    - [Math with Mr J - How to find GCF using Prime Factorization](#)
    - [Math with Mr J - How to find LCM using Prime Factorization](#)
  - Volume of Rectangular Prisms and Compound Figures
    - [Math with Mr J - Volume of Rectangular Prisms](#)
    - [Math with Mr J - Volume of Composite Rectangular Prisms](#)
  - Division Fact Fluency through the 12s
    - [Timed Fluency Practice](#)

May Do = 60 Points Possible	
<p><b>Summer Math Enrichment Class at Brophy.</b> <a href="#">Brophy Camp Link</a>            This Brophy Summer Class is approved for credit: Math 5 or Math 6</p> <p><b>To earn full credit:</b>            You must bring the <u>certificate of completion</u> with you on your first day of school in August.            (Note: The “Must Do” assessment <u>is still required</u> for students who complete an approved Brophy class.)</p>	<p><b>60 Points</b></p>
<p><b>Complete the assigned practice skills in IXL.</b>            Make sure you are logged into your <a href="#">STCS Google account</a> to get credit.</p> <ul style="list-style-type: none"> <li>● <b>10 hours of practice</b> to be completed during the following dates (IXL time stamps your practice for you)              May 23rd - Aug 5th 2026</li> <li>● <b>Complete the following required skills</b> up to a <u>Smart Score of at least 80</u>. (Counts toward the 10 hour minimum)               <ul style="list-style-type: none"> <li>○ All skills must be level G (Fifth Grade) in Mathematics                   <ul style="list-style-type: none"> <li>■ D.7-11 Multiplication</li> <li>■ E.11-14 Division</li> <li>■ F.1-7 Factors, Multiples, and Divisibility</li> <li>■ H.1-7 Numerical Expressions</li> <li>■ V.1-3 Mixed Operations: Fractions</li> <li>■ GG.1-4 Mixed Operations: Decimals                       <ul style="list-style-type: none"> <li>● 30 Total</li> </ul> </li> </ul> </li> </ul> </li> <li>● Don't forget to scroll down to find the lesson review or watch the video lesson</li> </ul> <p>After completing the above - Choose any Level G (Fifth Grade) skills to complete your 10 hour requirement</p>	<p><b>60 Points</b></p> <p><b>Student completed independently</b></p> <hr style="width: 100%;"/> <p>(Parent Signature)</p>
<p><b>Math Spectrum Workbook:</b></p> <ul style="list-style-type: none"> <li>● Available for online purchase for \$14.99. <a href="#">Spectrum Math Gr 5</a></li> <li>● Complete <b>all assigned workbook problems</b>:               <ul style="list-style-type: none"> <li>○ Ch 2 Multiplication &amp; Division (pgs 33-34 &amp; 38-39 only)</li> <li>○ Ch 3 Using Decimals (pgs 50-51 &amp; 54-57 only)</li> <li>○ Ch 4 Fractions (pgs 62-89)</li> <li>○ Ch 5 Using Fractions (pgs 98-111 only)</li> <li>○ Ch 6 Properties of Operations (pgs 116-129)</li> <li>○ Ch 8 Geometry and Graphing (pgs 146-163)</li> </ul> </li> <li>● Each page includes a short mini-lesson.</li> <li>● QR codes are available for optional video support if additional help is needed.</li> <li>● Spread the work evenly throughout the summer — avoid completing it all at the end.</li> <li>● <b>Remove the answer key from the back of the workbook before beginning.</b></li> <li>● <u>Parents check and correct</u> your child's work to ensure accuracy.</li> </ul>	<p><b>60 Points</b></p> <p><b>Parent Corrected</b></p> <hr style="width: 100%;"/> <p>(Parent Signature)</p>

“Must Do” Subtotal \_\_\_\_\_/40

“May Do” Subtotal \_\_\_\_\_/60

Total Point Earned \_\_\_\_\_/100