RCTCM 6th Grade Math Summer Assignment

Teacher	Mr. Schwertfeger (Mr. S)
Grade Level	6th Grade
Subject	Mathematics
School Year	Fall 2026 – Spring 2027
Assignment Due Date	The Summer Math Assignment will be due **THE FIRST DAY OF SCHOOL!** It will be your first grade for the school year!

Welcome Future White Tigers!

I'm beyond excited to meet you this upcoming school year! The purpose of this work is to give you a preview of what 6th grade math is all about and to give you ample time to practice your skills from your 5th grade school year! In this packet, there are a few other items I would like to emphasize to be successful this school year! Above all else, YOU CAN DO IT!

Resources to Help You!

MATH PRACTICE: Multiplication and Division Facts are key to having a smooth transition for 6th grade content. The following websites I have provided for you below will give you great resources for practice.

- https://home.xtramath.org/
- https://www.factmonster.com/
- https://www.mathfactclub.com/

ADDITIONAL MATH PRACTICE/REVIEW: In addition to your work in the packet, Khan Academy is a great tool to use for further review and preparation. Free accounts can be made at www.khanacademy.com .

Instructions for Summer Work Packet

**Please make sure to show for the work below for each problem and make it clear and legible!*

- Stepping into middle school is a big step towards taking responsibility for your own work! Use this work as an opportunity to develop strategies to help throughout this transitional period!
- All work **MUST** be shown in the spaces provided! If you need additional pages, please use the attached pages that are provided and make sure you indicate which problem corresponds to!

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Section 1: Find each sum or difference.		
1. $384.94 + 17.348$	2. $767.3 - 24.9$	3. $343.4 + 5.607$
4. $89.88 - 48.8$	5. $75.715 + 30.5$	6. $116.7 - 32.82$
7. $14.638 + 7.95 + 3.407$	8. $28.70 + 16.8 + 9.056$	9. $20.7 - 6.4 - 2.83 - 0.87$

Section 2: Find each product or quotient.		
1. 8×5.6	2. 16.5×2.3	3. 9.1×0.5

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4. $12.6 \div 0.2$	5. $12.5 \times 2.6 =$	6. $34.16 \div 0.25$
7. 17.2×4.5	8. $8.6 \div 0.5$	9. $65 \div 0.45$

Section 3: Find each sum or difference.

1. $\frac{9}{5} - \frac{5}{8}$	2. $\frac{3}{4} - \frac{2}{3}$	3. $\frac{8}{10} - \frac{4}{8}$
4. $6\frac{1}{10} + 5\frac{9}{12}$	5. $3\frac{1}{2} + 9\frac{2}{3}$	6. $9\frac{3}{12} + 4\frac{3}{4}$
7. $20\frac{1}{3} - 16\frac{3}{8}$:	8. $19\frac{4}{9} - 18\frac{1}{8}$	9. $15\frac{3}{8} - 13\frac{2}{6}$

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Section 4: Find each product.

1. $\frac{3}{10} \times \frac{11}{21}$	2. $\frac{8}{15} \times \frac{1}{5}$	3. $\frac{12}{14} \times \frac{8}{21}$
4. $8 \times \frac{3}{9}$	5. $6 \times \frac{3}{8}$	6. $6\frac{1}{3} \times \frac{1}{5}$
7. $10\frac{4}{5} \times 7$	8. $1\frac{1}{3} \times 11\frac{1}{8}$	9. $3\frac{2}{10} \times 2\frac{3}{6}$

Section 5: Solve the following word problems.

1. Lily bought 2 notebooks for $3.75 each. How much did she spend altogether?

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2. Marcus drank 1.25 liters of water on Monday and 2.4 liters on Tuesday. How much water did he drink in total?

3. Sophia had $20.00 and bought a toy for $8.49 and candy for $2.35. How much money does she have left?

4. The biggest zucchini from Joe's farm is $2\frac{5}{8}$ pounds, which is $1\frac{1}{12}$ pound more than the average weight of zucchinis from his farm. What is the average weight of zucchinis from his farm?

5. There was $\frac{5}{8}$ of a pie left in the fridge. Daniel ate $\frac{1}{4}$ of the leftover pie. How much of a pie did he have?

6. Simon tallied his bills for building a deck on his house. He paid for the following expenses: labor, $672.25; gravel, $86.77; sand, $39.41; cement, $180.96; and bricks, $204.35. What was the total cost for the deck? If he budgeted $1000, was he over or under budget? By how much?

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Additional Scratch Work Page: Please write the section and question number in the box before solving.	