

**Metamora Grade School**  
**Summer 2018, 7<sup>th</sup> Grade going into 8<sup>th</sup> Grade**

Dear Parents and Students,

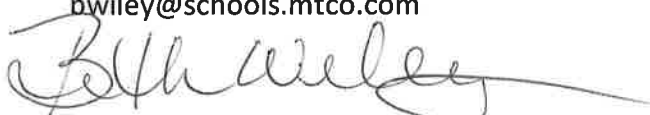
Mathematics is a discipline that constantly builds on previous knowledge. Students entering the next grade level will be expected to recall and apply the material they learned in their previous math class. To help ensure the student is prepared for the next grade level, Mrs. Wiley and Mrs. Ernenputsch selected a problem to be completed each day focusing on the basic math skills students need entering 8<sup>th</sup> grade math. Each problem is to be done **WITHOUT A CALCULATOR**. Please take some time this summer to utilize this resource for retention of the fundamental math concepts. Another great resource in Khan Academy, which provides additional practice and video tutorials. The website is <http://www.khanacademy.org>.

If you lose the calendar pages, there is a link for a pdf copy of the calendar available on the school website. We have also included an answer key, with our work, for parents to check their child's work.

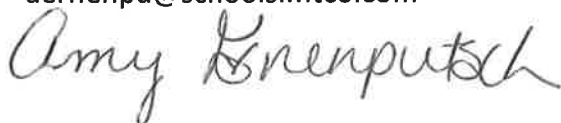
At the beginning of the next school year, students will be accountable for the types of problems we have given for the summer. Each day in class, the Warm-Up (an in class, graded assignment) will focus on the skills from the summer review.

We hope you have a great summer enjoying math and come back in the fall eager to learn new math concepts,

Mrs. Beth Wiley, 7<sup>th</sup> Grade Math Teacher  
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Mrs. Amy Ernenputsch, 8<sup>th</sup> Grade Math/Algebra Teacher  
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# June 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28 Find the sum. $2.9 + 5.4$	29 Find the sum. $6.1 + 7.892$	30 Find the difference. $1.7 - 1.1$	31 Find the difference. $6.32 - 0.2$	1 Simplify. $6.4 - 3.8 + 5$	2
3	4 Find the product. $2.5 \times 2.05$	5 Find the product. $4.5 \times 5.5$	6 Find the quotient. $0.8 \div 2.3$	7 Find the quotient. $3.3 \div 4.4$	8 Simplify. $1.5 + 4.72 \times 3.1$	9
10	11 Find the sum. $\frac{1}{2} + \frac{2}{5}$	12 Find the sum. $1\frac{3}{5} + 4\frac{1}{2}$	13 Find the difference. $\frac{1}{4} - 2\frac{1}{8}$	14 Find the difference. $1 - \frac{2}{3}$	15 Simplify. $4\frac{2}{2} - 2 + \frac{2}{7}$	16
17	18 Find the product. $\frac{1}{6} \times \frac{4}{3}$	19 Find the product. $1\frac{8}{9} \times \frac{1}{2}$	20 Find the quotient. $2\frac{7}{3} \div \frac{7}{10}$	21 Find the quotient. $\frac{5}{6} \div \frac{1}{6}$	22 Simplify. $6 - 1\frac{2}{2} + 2\frac{2}{5}$	23
24	25 Find the sum. $-4 + 8$	26 Find the sum. $-1 + 1$	27 Find the difference. $5 - 7$	28 Find the difference. $-4 - (-8)$	29 Simplify. $-3 + (-8) - 4$	30

(cover)

# July 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
	Find the product. $-4 \times 9$	Find the product. $-5 \times (-10)$	Find the quotient. $24 \div (-8)$	Find the quotient. $2 \div (-2)$	Simplify. $5 \times 4 \div (4 - 2)$	
8	9	10	11	12	13	14
	Solve the proportion. $\frac{8}{a} = \frac{10}{3}$	Solve the proportion. $\frac{4}{n} = \frac{10}{2}$	Solve the proportion. $\frac{8}{6} = \frac{5}{n}$	Solve the proportion. $\frac{6}{4} = \frac{x}{7}$	Solve the proportion. $\frac{8}{4} = \frac{9}{a}$	
15	16	17	18	19	20	21
	Solve the equation. $-3 = \frac{x}{5} - 7$	Solve the equation. $7 = \frac{m}{3} + 9$	Solve the equation. $-6 + 6k = -24$	Solve the equation. $-40 = 4k - 4$	DeShawn had \$25 to spend on two pencils. After buying them he had \$19. How much did each pencil cost? Write and solve an equation.	
22	23	24	25	26	27	28
	Solve the inequality. Graph the solution. $-6 > -8 + \frac{x}{10}$	Solve the inequality. Graph the solution. $-7 < \frac{m}{5} - 9$	Solve the inequality. Graph the solution. $58 \geq 2 + 8b$	Solve the inequality. Graph the solution. $14 > 9 + \frac{a}{3}$	Solve the inequality. Graph the solution. $28 \geq -7 + 7x$	
29	30	31	1	2	3	4