

Dear Parents,

Summer is a time for fun and relaxation. However, many parents express the need to keep skills sharp over the summer months. We have a summer mathpacket for your child to work on that will review various concepts covered during the previous school year. As you and your child work through the packet, please accept reasonable answers. Also note that some questions may have more than one answer. For example, half of something is the same as dividing it by 2. If your student does not remember how to do a particular concept, please have them research how to do it. Some useful websites are: [MathAntics](#) and [MathisFun](#). These sites have tips and videos on how to do many topics in math.

It is our hope that students can take a little time each day to work through the packet in order to decrease the "summer slide" and maintain skills moving into the next school year.

DIRECTIONS: Please complete the packet with work to be turned in on the first week of school. You will earn full credit if you include your work; it shows us your thinking. It should be organized and easy to follow.

If you have any questions about the packet, please feel free to reach out to your teacher, either Mr. Clark (cclark@sttimothyparish.org) or Mrs. Nash (knash@sttimothyparish.org).

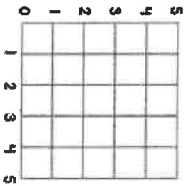

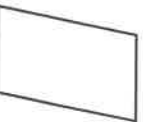
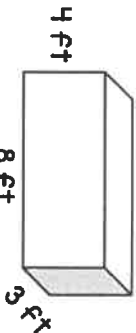
Thank you all for your support and we hope you all have a restful summer.

Many Blessings,

Mr. Clark and Mrs. Nash

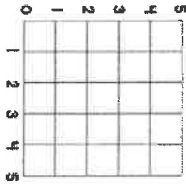
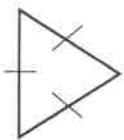
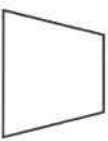
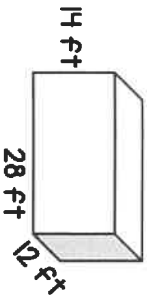
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5th Grade Summer Math Review
Week 1

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Simplify. $(2+3) \times 6 + (14 \div 2) =$</p>	<p>Simplify. $16 \div 4 \times 3 + 6 =$</p>	<p>Express numerically: Subtract 4 from 10, then multiply by 5.</p>	<p>Express numerically: Seven less than the product of fifty and twenty-five.</p>	<p>What is the rule for this pattern? 3, 6, 12, 24, 48, ...</p>
<p>Graph and connect points (3,4) and (4,3).</p> 	<p>How many right angles can a triangle have?</p>	<p>How many right angles can a quadrilateral have?</p>	<p>List all the names that this shape can have.</p> 	<p>List all the names that this shape can have.</p> 
<p>How many quarts are in 5 gallons?</p>	<p>Convert 6 km to meters.</p>	<p>What is the smallest piece of data below?</p> <pre> x x x x x x x x x x 1 1 1 2 4 3 2 3 </pre>	<p>What is the volume of a rectangular prism that is q in. long, 6 in. wide, and 4 in. tall?</p>	<p>What is the volume of this shape?</p> 
<p>In which direction does the decimal move when you multiply a number by 10? How many places?</p>	<p>Write the number form for seventy-six hundredths.</p>	<p>Find the product. $725 \times 34 =$</p>	<p>Find the quotient. $487 \div q =$</p>	<p>Find the sum. $16.83 + q, 4q + 0.6 =$</p>
<p>Solve. $6 \frac{2}{3} - 4 \frac{3}{4} =$</p>	<p>Four friends wanted to share 5 candy bars. How much did each friend get?</p>	<p>Solve. $8 \times \frac{3}{4} =$</p>	<p>Jeff walks $\frac{3}{4}$ of a mile each day. How far does he walk in seven days?</p>	<p>Solve. $q \div \frac{1}{3} =$</p>

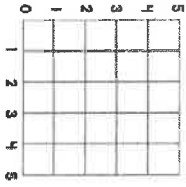

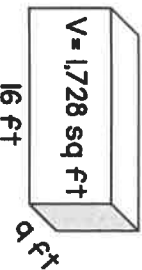
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5th Grade Summer Math Review Week 2

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Simplify.</p> $6 \times 9 + 6 \div 3 =$	<p>Simplify.</p> $25 \div 5 \times 7 - 8 =$	<p>Express numerically:</p> <p>Sixteen less than the product of 8 and 5.</p>	<p>Express numerically:</p> <p>Subtract 3 from double the sum of 10 and 15.</p>	<p>What is the rule for this pattern?</p> <p>36, 29, 22, 15, 8, ...</p>
<p>Graph and connect points (0,0) and (5,5).</p> 	<p>List three attributes of a polygon.</p>	<p>What type of triangle has two congruent angles and two congruent sides?</p>	<p>List all the names that this shape can have.</p> 	<p>List all the names that this shape can have.</p> 
<p>Convert 9 pounds, 8 ounces to ounces.</p>	<p>Convert 9 miles to feet.</p>	<p>What is the purpose of a line plot? What does an X signify on a line plot?</p>	<p>What is a unit cube?</p>	<p>What is the volume of this shape?</p> 
<p>Solve.</p> $82 \times 1,000 =$ $82 \times 10^3 =$	<p>Round to the nearest tenth.</p> <p>4.19</p>	<p>Find the product.</p> $693 \times 14 =$	<p>Find the quotient.</p> $523 \div 6 =$	<p>Solve.</p> $49.06 \times 8.5 =$
<p>Solve.</p> $4 \frac{3}{5} + 3 \frac{3}{10} =$	<p>Lou wants to give 5 friends equal shares of 80 pens. How many will each friend get?</p>	<p>Solve.</p> $6 \times \frac{2}{5} =$	<p>Ree's garden is $12 \frac{1}{2}$ feet long and $6 \frac{2}{3}$ feet wide. What is the area of her garden?</p>	<p>Solve.</p> $6 \div \frac{1}{4} =$

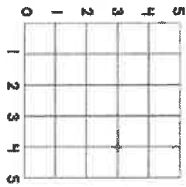
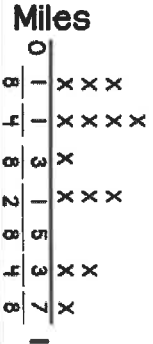
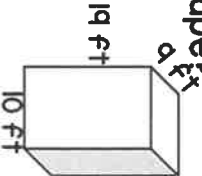
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5th Grade Summer Math Review Week 3

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Place grouping symbols in this expression so the solution is 17.</p> $4 + 4 \times 2.5 - 3$	<p>Simplify.</p> $1/2 \times (12 + 4) =$	<p>Express numerically: 20 divided by the sum of 1 and 4</p>	<p>Express numerically: The sum of 7 and 8, divided by 3</p>	<p>Pens cost \$2.50. Write a pattern for the costs of 0, 1, 2, 3, and 4 pens.</p>
<p>Graph and connect points (2,0), (2,2) and (2,4).</p> 	<p>What polygon has six sides and angles? Draw and label one.</p>	<p>What is the least number of sides and angles a polygon can have?</p>	<p>Is a rectangle always a square? Is a square always a rectangle?</p>	<p>List three subcategories of quadrilaterals.</p>
<p>How many yards are in 975 feet?</p>	<p>How many milliliters are in 5 liters?</p>	<p>This shows the pints of paint left in the art room. How many pints are there?</p> 	<p>How many unit cubes are in a rectangular prism with a volume of 36 cubic inches?</p>	<p>What is the height of this shape?</p> 
<p>Write these powers of ten with exponents.</p> $10 =$ $100 =$ $1,000 =$	<p>Write in word form: 3,412.09</p>	<p>An auditorium has 27 rows with 33 seats in each row. How many seats are there?</p>	<p>Solve.</p> $3.423 \div 8 =$	<p>Solve.</p> $381.74 - 37.8 =$
<p>Solve.</p> $5 \frac{2}{3} + 4 \frac{3}{4} =$	<p>Four students want to share 7 candy bars. How much will each student get?</p>	<p>Solve.</p> $3/4 \times 24 =$	<p>Pio has 3/4 of a pan of lasagna. He wants to serve 2/3 of it for dinner. How much of the pan will he serve?</p>	<p>Solve.</p> $1/4 \div 16 =$

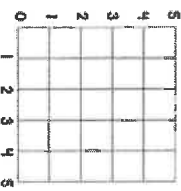


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5th Grade Summer Math Review Week 4

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Place grouping symbols to make the equation true.</p> $16 - 5 - 1 = 10$	<p>Simplify.</p> $(1/3 \times 9) \times 2 =$	<p>Express numerically:</p> <p>Eight more than seventeen, subtracted from 50.</p>	<p>Express numerically:</p> <p>Nine fewer apples than Jayden has.</p>	<p>What is the next ordered pair?</p> <p>(4,2), (8,4), (12,6), (16,8),</p>
<p>Graph and connect points (0,5) and (5,0).</p> 	<p>Do parallelograms have right angles?</p>	<p>What is a regular polygon? What is an irregular polygon?</p>	<p>Is a rhombus a parallelogram?</p>	<p>What type of polygon is a kite?</p>
<p>How many one-cup glasses can Ray fill from 6 $3/4$ gallons?</p>	<p>Convert 4,000 meters to kilometers.</p>	<p>Students jog these distances. How many students jog?</p> 	<p>What is the width of a rectangular prism that is 12 in. long, 4 in. tall, and has a volume of 96 cubic inches?</p>	<p>What is the volume of this shape?</p> 
<p>What is $13,508 \times 100$?</p>	<p>Write 56.62 in expanded form.</p>	<p>Solve.</p> $329 \times 86 =$	<p>Solve.</p> $728 \div 15 =$	<p>Solve.</p> $5,829.16 - 639.28 =$
<p>Solve.</p> $12 \frac{1}{5} - 7 \frac{1}{2} =$	<p>Which division is the same as the fraction $1/4$?</p> $\begin{array}{r} 1 \div 4 \\ 4 \div 1 \end{array}$	<p>Solve.</p> $3 \frac{1}{2} \times 3/4 =$	<p>Li wants to give away $2/5$ of her 75 models. How many will she keep?</p>	<p>Solve.</p> $1/6 \div 12 =$

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5th Grade Summer Math Review Week 5

Monday	Tuesday	Wednesday	Thursday	Friday
<p>True or false? $4 + 3 \times 2 = 14$</p>	<p>Simplify. $5 \times 16 - 4 + 2 \div 2 =$</p>	<p>Express numerically: A number Y decreased by 12 equals 33.</p>	<p>Express numerically: A number divided by 6 is the same as 24.</p>	<p>What is the next term in this pattern? 54, 45, 36, 27, ...</p>
<p>Graph and connect points (0,5) and (4,3).</p> 	<p>Which term does not describe a square? polygon quadrilateral kite parallelogram</p>	<p>What is a seven-sided, seven-angled figure called?</p>	<p>How can a square be a rectangle and a rhombus?</p>	<p>List all the names that this shape can have.</p> 
<p>An elevator can hold one ton of weight. How many 125-pound passengers can it hold?</p>	<p>Convert 15 L to mL.</p>	<p>Students jog these distances. How many jog more than 1/2 mile?</p> 	<p>Which rectangular prism does not have a volume of 48 cubic units? $12 \times 2 \times 2$ $3 \times 2 \times 6$ $4 \times 4 \times 3$</p>	<p>What three attributes do you use to calculate volume?</p>
<p>What is $343.9 \div 100$?</p>	<p>Write in standard form. $(6 \times 1,000) + (8 \times 100) + (4 \times 10) + (5 \times 1) + (7 \times 0.1) + (9 \times 0.01)$</p>	<p>Solve. $2.725 \times 7 =$</p>	<p>Solve. $486 \div 9 =$</p>	<p>Solve. $18.26 \div 2 =$</p>
<p>Solve. $13 \frac{4}{5} + 9 \frac{2}{3} =$</p>	<p>Lila spent 7 hours studying math, science, and reading equally. How much time did she spend on each subject?</p>	<p>Solve. $12 \times \frac{2}{3} =$</p>	<p>Alex has $\frac{9}{10}$ of a pan of brownies. He wants to serve $\frac{2}{3}$ of that for dessert. How much of the pan will he use?</p>	<p>Solve. $15 \div \frac{1}{3} =$</p>