



St. Louise de Marillac School
Summer Math Calendar
Incoming Seventh Grade

Dear Parents,

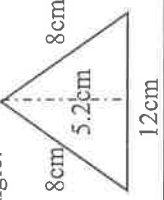
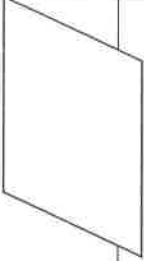




I want you to take the time to enjoy math with your child this summer! In order to keep us thinking and using our math skills over the summer please find the Summer Math Calendars for students entering 7th grade in the fall. Research shows that students better maintain and strengthen their math skills through regular and meaningful practices. This summer math calendar will provide your child and family with a variety of math activities to explore this summer.

This packet consists of 2 calendar pages (June and July) and some apps kids love. I recommend that you integrate an average of 10-15 minutes of math activities into your child's day, by completing these activities and utilizing their IXL accounts. Please complete the activities and return the signed calendars to us in August.





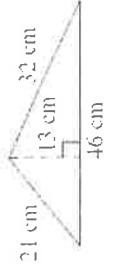
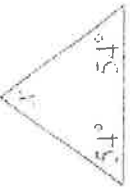
Have fun!

Mr. Martin

Summer Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<p>Incoming 7th Grade JUNE</p>					
	<p>Make a box plot of the data from yesterday's stem and leaf plot.</p>	<p>Find the area and perimeter of a rectangle with length measuring 14 cm and width measuring 5 more than twice the length</p>	<p>Find the area and perimeter of this triangle:</p> 	<p>Place parentheses in the following equation to make it true. $6 + 6 \div 6 \times 6 - 6 = 0$</p>	<p>Find the area and perimeter of this parallelogram. Measure in centimeters:</p> 	
	<p>If a quadrilateral has three angles measuring, 60°, 45° and 100°, find the measure of the fourth angle.</p>	<p>Evaluate this algebraic expression if $x = 5.6$ and $y = 9.3$ $3x + 4y =$</p>	<p>Find each quotient. $0.4 \div 0.02 =$ $\frac{0.09}{0.108}$</p>	<p>If you pull eight coins from your pocket, and none of them are pennies, what is the most money that you could have? The least?</p>	<p>The perimeter of a rectangle is 72m. The width of the rectangle is 16m. What is the area of the rectangle?</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
<p>Work in IXL</p>  <p>www.ixl.com</p>	<p>Simplify: $2^3 + (8 - 5) \cdot 4 - 5^2$</p>	<p>$3 + \frac{7}{10} - \frac{12}{10} =$</p>	<p>What is the value of n? $\frac{3}{5} < \frac{n}{7} < \frac{4}{5}$</p>	<p>The mean of six test scores is 83. What is the sum of the six test scores?</p>	<p>In one year, what percent of your time is spent in school? Year=365 days School year=180 days</p>	
	<p>Multiply: $\frac{2}{3} \times \frac{3}{4} =$</p>					

Summer Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>Work in IXL</p>  <p>www.ixl.com</p>	<p>Incoming 7th Grade July</p>	<p>Find the factors of 60: Find the factors of 45: Name the GCF:</p>	<p>Find two numbers that have 2, 5, and 7 as factors. Hint: one possible answer would be 140</p>	<p>Solve: $(6\frac{1}{8} + \frac{2}{3}) - 3\frac{11}{12}$ Hint: Find common denominators</p>	<p>Fill in the missing number. $56.7 + .89 - ? = 1.29$ Write your answer in word form.</p>	
<p>Simplify: $(6 \times 3) + 376 \div 8 - 5 + 4^3$ Hint: Use the "funnel" method</p>	<p>Find four fractions between $\frac{1}{10}$ and $\frac{1}{8}$ Hint: Find common denominators and rename the fractions</p>	<p>Find the prime factorization of each of the following: A. 84 B. 98 C. 310 (use the prime factor tree method)</p>	<p>545 is halfway between 350 and what number? Hint: 545 is halfway between 350 and what number?</p>	<p>Express the fraction $\frac{17}{20}$ and $\frac{5}{9}$ as a decimal and as a percent. Hint: Divide the number by the denominator if it isn't a factor of 10, 100 or 1000</p>	<p>A jacket costs \$75.00. It is on sale for 30% off. If you give the cashier \$60.00, calculate the amount of money she will return to you.</p>	
<p>GCF (17, 34) = GCF (45, 60) = Example: GCF (15, 35) = 5 Hint: It is helpful to list the factors of each number. Use the answer from July 1st</p>	<p>If the area of a rectangle equals 30cm^2 and the perimeter is equal to 26cm. Find the length and width of the rectangle.</p>	<p>If the mean, median, and mode are all equal for the following set, what is the value of x? {4, 9, 7, 8, x}</p>	<p>What is 25% of 80? What is 10% of 560? 8 is ___ % of 12</p>	<p>Find the area of a square with a perimeter measuring 120 cm.</p>	<p>Find the mean, median, mode, and range of the following set. {94, 96, 78, 90} Mean = add all data, divide by # of scores Median = the middle score after data is arranged in order Mode = the most common score in the data</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
<p>If three pies require 2 dozen apples, then four pies require ___ dozen apples.</p>	<p>Find the area: </p>	<p>LCM (9, 15) = LCM (6, 18) = LCM = least common multiple</p>	<p>Double all of the ingredients in Martha's cookie recipe in the next box.</p>	<p>Divide: $3\frac{1}{4} \div \frac{1}{2} =$</p>	<p>Martha's Cookie Recipe 1 cup shortening 2 eggs $\frac{1}{4}$ cup white sugar $\frac{1}{4}$ cup brown sugar $\frac{1}{2}$ cups flour 1 teaspoon vanilla</p>	
<p>What is the value of angle x? </p>						

Math Calendar Answer Sheet – June 2018

Monday	Tuesday	Wednesday	Thursday	Friday

Math Calendar Answer Sheet – July 2018

Monday	Tuesday	Wednesday	Thursday	Friday