

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

Dear Parents,



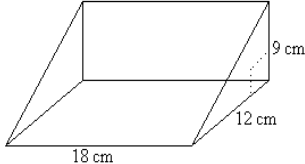


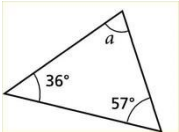
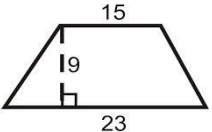

We want you to take the time to enjoy math with your child this summer! In order to keep us thinking and using our math skills over the summer please find the Summer Math Calendars for students entering 8th grade in the Fall. Research shows that students better maintain and strengthen their math skills 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. We 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.

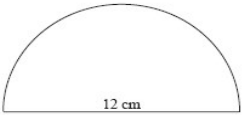
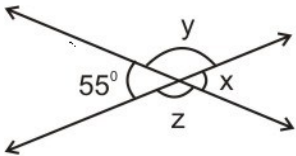


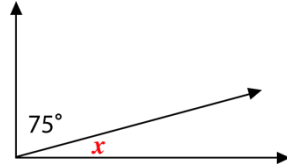
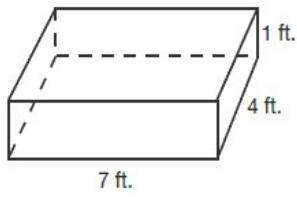

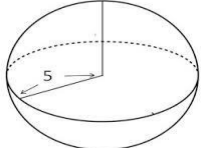

Have fun!

Mr. Martin

Incoming 8th Grade Math Calendar – June 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		<p>Activity 1 Twice a number (n) minus nine is ninety-five. Find the number (n).</p>	<p>Activity 2 Solve: $45 \div (-9) =$ $(-105) \div (-15) =$</p>	<p>Activity 3 Make a list of all the prime numbers between 50 and 75.</p>	<p>Activity 4 Simplify: $(2 \cdot 9) + 400, 5 - 5 + 4^3$</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
		<p>Activity 5 Find four fractions between $\frac{8}{10}$ and $\frac{5}{4}$</p>	<p>Activity 6 Which carton of orange juice has a better price? a. 15oz for \$1.79 b. 12oz for \$1.49</p>	<p>Activity 7 The pages of a book are numbered consecutively from 1 to 275. How many times is the digit 8 used in numbering the pages?</p>	<p>Activity 8 Solve for x: $4x - 6 > -10$</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
	<p>Activity 9 GCF (18, 36) = GCF (48, 60) = Example: GCF (15, 35) = 5</p>	<p>Activity 10 Calculate the volume: </p>	<p>Activity 11 What is 75% of 80? What is 10% of 660? 12 is ____ % of 15.</p>	<p>Activity 12 Express the fractions $\frac{3}{5}$ and $\frac{9}{5}$ as a decimal and as a percent.</p>	<p>Activity 13 Evaluate the expression when $x = 5, y = -3,$ and $z = -2.$ $\frac{y+z}{x}$</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
	<p>Activity 14 Solve for w : $3w + 2 = 20$</p>	<p>Activity 15 If the area of a rectangle equals 32 cm^2 and the width is 2 times the length. Find the width and length of the rectangle.</p>	<p>Activity 16 Evaluate: $5.2 \times 6.9 =$ $7.2 \times 2.4 =$ $5.5 - 8.01 =$</p>	<p>Activity 17 Find the area of a square with a perimeter measuring 160 cm.</p>	<p>Activity 18 Divide: $\frac{5}{6}, \frac{2}{4} =$</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
	<p>Activity 19 What is the value of angle a? </p>	<p>Activity 20 Find the area: </p>	<p>Activity 21 Order the following from least to greatest: $\frac{3}{7}, 43\%, 0.4, 0.04$</p>	<p>Activity 22 If 1000 gumballs cost \$20, how much would ten gumballs cost?</p>	<p>Activity 23 What is the prime factorization of 64?</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>

Incoming 8th Grade Math Calendar – July 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<p>Activity 1 Find the <u>area</u> and the <u>circumference</u> to the <u>nearest tenth</u>:</p> <p style="text-align: center;">Area = πr^2 C = πd</p> 	<p>Activity 2 Find the values of x, y, and z.</p> 	<p>Activity 3 Write the rational numbers as decimals.</p> $\frac{7}{8}$ -17 $\frac{\quad}{40}$	<p>Activity 4 Write an equation to represent the statement:</p> <p>There are 5 people in Johnny's rock band. They made x dollars playing at a dance hall. After dividing the money 5 ways, each person got \$67.</p>	<p>Activity 5 Order the numbers from least to greatest:</p> $\frac{1}{3}, \frac{1}{2}, \sqrt{\quad}, \sqrt{\quad}$ $3, -2, 16, -4$	<p>Work in IXL</p>  <p>www.ixl.com</p>
	<p>Activity 6 Evaluate:</p> $-3 \cdot -3.4 - 1.5^2$	<p>Activity 7 Find the difference:</p> $(5x+6) - (-x+6)$	<p>Activity 8 Find the mean score for the following group of math quizzes: 83, 84, 91, 71, 99, 77, 88, 66, 95, 79, 82</p>	<p>Activity 9 Solve for a:</p> $230 \times (a + 2)$	<p>Activity 10 Solve the inequalities: $-15 < 2.5q$</p> $\frac{x}{\quad} > -4$ -3	<p>Work in IXL</p>  <p>www.ixl.com</p>
	<p>Activity 11 Write an inequality to represent the statement:</p> <p>The sum of a number and 6 is at least 15.</p>	<p>Activity 12 Write the decimals as fractions.</p> <p>0.45</p> <p>6.012</p> <p>-2.32</p>	<p>Activity 13 Find the value of x.</p> 	<p>Activity 14 Calculate the <u>surface area</u>.</p> 	<p>Activity 15 A box turtle hibernates in $\frac{5}{8}$ feet. A spotted turtle hibernates at $-1\frac{16}{25}$ feet. Which turtle is deeper?</p>	<p>Work in IXL</p>  <p>www.ixl.com</p>
	<p>Activity 16 Multiply:</p> $\frac{1}{3} \cdot \frac{3}{11} =$ $\frac{3}{6} \cdot \frac{1}{5} =$	<p>Activity 17 Simplify:</p> $2 + (-3) + [-4(-2+1)] =$ $(-2) + (-3)^2 =$	<p>Activity 18 Evaluate, using $n=9$.</p> $\frac{(n)^2}{3}$	<p>Activity 19 Calculate the <u>surface area</u>.</p> 	<p>Activity 20 Simplify:</p> $(18 + 12) \times 8 \div (4^2 \div 2^2) =$	<p>Work in IXL</p>  <p>www.ixl.com</p>

Math Calendar Answer Sheet – June 2019

Monday	Tuesday	Wednesday	Thursday	Friday
		Activity 1	Activity 2	Activity 3
Activity 4	Activity 5	Activity 6	Activity 7	Activity 8
Activity 9	Activity 10	Activity 11	Activity 12	Activity 13
Activity 14	Activity 15	Activity 16	Activity 17	Activity 18
Activity 19	Activity 20	Activity 21	Activity 22	Activity 23

Math Calendar Answer Sheet – July 2019

Monday	Tuesday	Wednesday	Thursday	Friday
Activity 1	Activity 2	Activity 3	Activity 4	Activity 5
Activity 6	Activity 7	Activity 8	Activity 9	Activity 10
Activity 11	Activity 12	Activity 13	Activity 14	Activity 15
Activity 16	Activity 17	Activity 18	Activity 19	Activity 20