



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

Dear Parents,









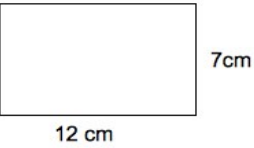

We want you to take the time to enjoy math with your child this summer! In order to keep us thinking and using our math skills over the summer please find the Summer Math Calendars for students entering 6th grade in the fall. Research shows that students better maintain and strengthen their math skills 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 reviewing basic facts. Please complete the activities and return the signed calendars to us in August.

Have fun!

Mr. Wagner





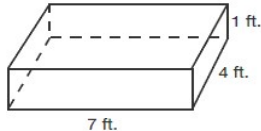


Incoming 6th Grade Math Calendar-June

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|
| | | | | | Activity 1 Order these fractions from least to greatest. $7/8, 3/5, 4/6, 1/2$ | Work in IXL  www.ixl.com |
| Practice your math facts.  www.sumdog.com | Activity 2 Simplify: $(2 \times 4) \times 300 \times 5$ | Activity 3 The perimeter of a square is 52 cm. What is the length of each side? | Activity 4 Jen is 12. Amy is 13. In 25 years, what will be the <u>product</u> of their ages? | Activity 5 Write 347, 392 in <i>expanded</i> form. | Activity 6 I am a number less than 50. When divided by 5, my remainder is 4. Who am I? Is there more than one answer? | Practice your math facts.  www.sumdog.com |
| Work in IXL  www.ixl.com | Activity 7 List all the factors of: 18 54 | Activity 8 Write the improper fraction $\frac{4}{25}$ for $\frac{4}{25}$. | Activity 9 If you spend \$100.00 a day, how many days will it take to spend a million dollars? How many years is that? | Activity 10 Express the fractions $10\frac{4}{37}$ and $\frac{37}{100}$ as decimals . | Activity 11 What is the <i>value</i> of the 7 in the number 472, 085? | Work in IXL  www.ixl.com |
| Practice your math facts.  www.sumdog.com | Activity 12 What is a composite number? List <u>three</u> examples. | Activity 13 Six friends have 4 sandwiches to share. What <i>fraction</i> of a sandwich would each person get? | Activity 14 Evaluate: $5.7 + 6.09 =$ $9.03 - 1.5 =$ $5.5 - 3.01 =$ | Activity 15 Round to the place value in bold . $6,708 =$ $8.96 =$ $803,985 =$ $0.744 =$ | Activity 16 Multiply: $\frac{4}{6} \times 2$ | Practice your math facts.  www.sumdog.com |
| Work in IXL  www.ixl.com | Activity 17 Write the number value : $(6 \times 100) + (5 \times 10) + (3 \times \frac{1}{1}) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100})$ | Activity 18 Find the area:  | Activity 19 Order the following from least to greatest: 0.03, 1.01, 0.90, 0.905 | Activity 20 If 1,000 pencils cost \$20, how much would ten pencils cost? | Activity 21 Solve: $\begin{array}{r} 324 \\ \times 45 \\ \hline \end{array}$ | Work in IXL  www.ixl.com |

Child's Name: _____

Parent's Signature _____

Entering 6th Grade Math Calendar – July

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|--|---|--|---|--|
| | <p>Activity 1</p> <p>Find $\frac{2}{8}$, $\frac{5}{5}$ fractions between 10 and 4.</p> <p>Prove your answers on a number line.</p> | <p>Activity 2</p> <p>$1\frac{3}{4}, 3\frac{1}{2}, 7, \underline{\quad}, 28$</p> <p>In the above pattern, what number belongs between 7 and 28?</p> | <p>Activity 3</p> <p>Simplify:</p> $\frac{6}{8} =$ $\frac{15}{25} =$ $\frac{8}{24} =$ | <p>Activity 4 Write an expression to represent the <u>total number of people</u> on the bus:</p> <p>There are N students on the bus for the field trip.</p> <p>There are also four chaperones.</p> | <p>What is the largest multiple of 4 that is less than 30?</p> | <p>Practice your math facts.</p>  <p>www.sumdog.com</p> |
| <p>Work in IXL</p>  <p>www.ixl.com</p> | <p>Activity 6</p> <p>You have a \$10 gift card to spend on iTunes. You buy an app for \$4.99 and a new pop single for \$2.99. How much should be left on your gift card?</p> | <p>Activity 7</p> <p>How many more even number days are there in July than in February?</p> | <p>Activity 8</p> <p>Tyler and Madison buy a pizza that is cut into 8 equal slices. If Bill eats $\frac{1}{8}$, and Carol eats $\frac{1}{4}$ of the pizza, how many eighths of the pizza are left?</p> | <p>Activity 9</p> <p>I bought a bag of 60 lollipops. I kept 3 lollipops and gave the rest to my 3 friends. They divided the lollipops equally among themselves. How many lollipops did each friend get?</p> | <p>Activity 10</p> <p>Find the <u>area</u> of a square with a perimeter measuring 20 inches.</p> | <p>Work in IXL</p>  <p>www.ixl.com</p> |
| <p>Practice your math facts.</p>  <p>www.sumdog.com</p> | <p>Activity 11</p> <p>$3477 + B = 3500$</p> <p>What value does B stand for?</p> | <p>Activity 12</p> <p>Write the decimals as <u>fractions</u>. Express them in their <u>simplest</u> form.</p> <p>$0.55 =$</p> <p>$3.5 =$</p> <p>$2.42 =$</p> | <p>Activity 13</p> <p>Draw a quadrilateral that has only one set of parallel sides.</p> | <p>Activity 14 Calculate the <u>volume</u>.</p>  | <p>Activity 15</p> <p>If 4 mint chocolates cost \$1.00, how many mint chocolates can you get for \$5.00?</p> | <p>Work in IXL</p>  <p>www.ixl.com</p> |
| | <p>Activity 16</p> <p>Add:</p> $\frac{1}{75} + \frac{3}{15}$ | <p>Activity 17</p> <p>Solve:</p> $\begin{array}{r} 460 \\ \times 50 \\ \hline \end{array}$ | <p>Activity 18</p> <p>Devin bought a roll of ribbon to make bows for his gift boxes. There were 132 inches of ribbon on the roll. How many <u>feet</u> of ribbon was that?</p> | | | <p>Practice your math facts.</p>  <p>www.sumdog.com</p> |

Math Calendar Answer Sheet – June

| 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 | | |

Math Calendar Answer Sheet – July

| 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 |