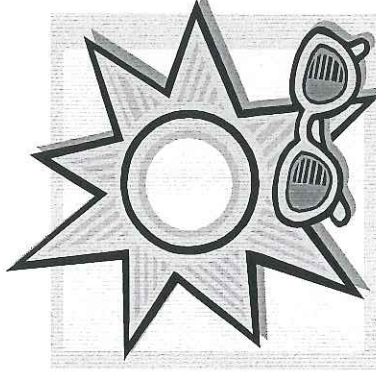




**NEW BRUNSWICK PUBLIC SCHOOLS**  
**SUMMER MATH ACTIVITIES**  
**FOR STUDENTS ENTERING GRADE 7**



You learned a lot of Math this year. Activities on the next 2 pages of this packet will help you practice what you learned and get you ready for Seventh Grade. The next 2 pages show your math activities for July and August. After you complete an activity described in a box, your parent or guardian should write his or her initials next to the activity number in the box.

**Look! The pages are like a calendar, and some days have an activity and some days don't!**

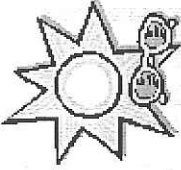
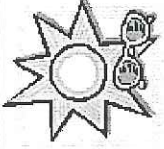
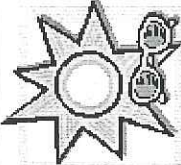
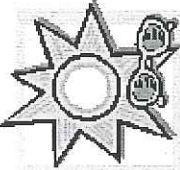
Most activities are to be done in a Math Journal. Make a Math Journal by using a notebook or just clipping a few paper pages together. Please use a new page for each activity, and put the activity number at the top of the page. You may use both sides of a page. If you like, you may also use markers or crayons to decorate your Math Journal. There are also math tools for you to use for some of your activities.

When you return to school in the Seventh Grade, remember to bring your Math Journal and your math activities assignments (the 2 sheets with boxes). You will receive a classroom grade for completing this assignment.

**Your Seventh Grade teacher will be very proud of you because you completed your summer work!**

Name: \_\_\_\_\_

# JULY

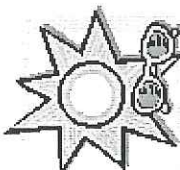
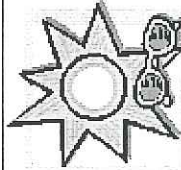
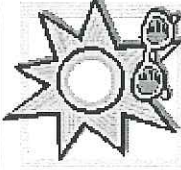

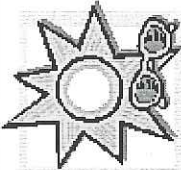
<p>Grade 6 Entering Grade 7</p>	<p>Find the sum: <math>16.7 + 21.37</math></p>	<p>Find the difference: <math>7.09 - 1.3</math></p>	<p>Mrs. Lee bought \$32.67 worth of groceries. If she gave the cashier \$40, how much change did she get back?</p>	 <p>What is the value of <math>\frac{3}{7} \times \frac{14}{9}</math>?</p>
<p>Find the product: <math>3.4 \times 9.5</math></p>	<p>Find the sum: <math>\frac{1}{5} + \frac{7}{10} = ?</math></p>		<p>Find the difference: <math>3\frac{1}{5} - \frac{1}{4} = ?</math></p>	<p>What is the value of the expression <math>3^2 - 2^3</math>?</p>
<p>What is the value of <math>\frac{1}{3} \div \frac{8}{27}</math>?</p>	<p>Find the quotient: <math>\\$7.80 \div 4</math></p>	<p>Evaluate the expression: <math>5 + 8 \times 9 - 36 \div 6</math></p>	 <p>What is the least common multiple of 6 and 9?</p>	<p>Solve the equation <math>x - 5 = 34</math>?</p>
 <p>Solve the equation <math>x + 9 = 89</math>?</p>	<p>Evaluate. <math>5^3 = ?</math></p>	<p>What is the greatest common factor of 28 and 42?</p>	<p>Solve the equation <math>\frac{x}{3} = 8</math>?</p>	<p>Solve the equation <math>x - 5 = 34</math>?</p>

Parents/Guardians: Please write your initials in each box after your child completes the task.



Name: \_\_\_\_\_

# AUGUST

<p>Grade 6 Entering Grade 7</p>			<p>Tanya practices piano every day for <math>1\frac{1}{2}</math> hours. What is a reasonable estimate for the total number of hours Tanya practices each week?</p> 	<p>What is the absolute value of -845?</p>
<p>Which inequality <math>\{&lt;, &gt; \text{ or } =\}</math> will make the statement true? 264 _____ -975</p>	<p>The cost of a tent rental is \$160 for 5 days. Write and solve a proportion to find the cost of renting the same tent for 8 days.</p> 	<p>What is the integer represents this scenario? 5-point deduction in gymnastics</p>	<p>The temperature started at -25 degrees Celsius. What is the temperature if it went up 3 degrees Celsius? ----- degrees Celsius</p>	<p>What is the mode? 5, 4, 10, 5, 10, 10, 2, 8, 10, 5</p>
<p>Is 395,155 divisible by 4?</p>	<p>The ordered pair <math>(-3, -4)</math> is in which quadrant when graphed on the coordinate plane?</p> 	<p>8 is what percent of 64.</p>	<p>60% of 120 is what number?</p>	<p>What is the mode? 5, 4, 10, 5, 10, 10, 2, 8, 10, 5</p>
<p>What is the area of a rectangle that has a length of 12 inches and a height of 5 inches?</p>	<p>The ordered pair <math>(-3, -4)</math> is in which quadrant when graphed on the coordinate plane?</p> 	<p>Are these ratios equivalent? <math>\frac{2}{3}</math> and <math>\frac{4}{6}</math></p>	<p>Larry's soccer team lost 30% of its 30 games last season. How many games did they lose?</p>	<p>Maria bought a new IPAD for \$498. CT state sales tax is 6%. How much did she pay in sales tax?</p> 
<p>Which is the better buy? _ 2-pack of raffle tickets for \$8.84 _ 8-pack of raffle tickets for \$35.20</p>	<p>What value of <math>x</math> will make this proportion true? <math>\frac{3}{7} = \frac{9}{x}</math></p>	<p>Justin can read 12 pages in 20 minutes, How many pages can he read in 50 minutes?</p>		

Parents/Guardians: Please write your initials in each box after your child completes the task.