

**Incoming 8th Grade
Summer Assignment - Math Calendar**

Monday	Tuesday	Wednesday	Thursday	Friday										
1	2	3	4	5										
<p>Simplify:</p> $(6x3) + 376 \div 8 - 4 + 4^3$	<p>Solve</p> $\left(6\frac{1}{8} + \frac{2}{3}\right) - 3\frac{11}{12}$	<p>The circumference of a circle is $15\pi cm$. What is the areas of the circle in terms of π?</p>	<p>What is the decimal equivalent of the fraction $\frac{8}{15}$?</p>	<p>Bonnie deposits 70. Show the deposit as an integer.</p>										
8	9	10	11	12										
<p>Simplify</p> $-\frac{1}{2}(6x + 15) - 3?$	<p>A TV is priced at \$450. It has a discount of 20% and sales tax of 7%. Find the total cost.</p>	<p>Tom has a scale model statue that is 15 inches tall. The scale is 1in:6.2m. Write an equation to determine x, the height in meters, of the statue.</p>	<p>The rectangle floor of a classroom is 36ft in length and 32ft in width. A scale drawing of the floor has a length of 9in. What is the area, in sq in, of the floor in the scale drawing?</p>	<p>Jen has 84.5 yds of fabric. She makes 6 curtains and has 19.7yds left. How many yds of fabric does she use per curtain?</p>										
15	16	17	18	19										
<p>Put the following in order, least to greatest:</p> <p>18, -36, 12, 3, - 3</p>	<p>What is the surface area?</p>	<p>What is the probability of landing on purple?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Color</th> <th>Number of Times</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>15</td> </tr> <tr> <td>Blue</td> <td>24</td> </tr> <tr> <td>Purple</td> <td>12</td> </tr> <tr> <td>Orange</td> <td>9</td> </tr> </tbody> </table>	Color	Number of Times	Red	15	Blue	24	Purple	12	Orange	9	<p>If there is a 6-sided figure with each size equaling x, write a formula to find the perimeter.</p>	<p>What is a proportional relationship? Give an example.</p>
Color	Number of Times													
Red	15													
Blue	24													
Purple	12													
Orange	9													
22	23	24	25	26										
<p>Place parentheses in the following equation to make it true</p> $6 + 6 \div 6 x 6 - 6 = 0$	<p>Simplify</p> $2^3 + (8 - 5) * 4 - 5^2$	<p>If a quadrilateral has 3 angles measure 60, 45 and 100; find the measure of the fourth angle.</p>	<p>Yesterday, the temp at noon was $11.4^{\circ}f$. By midnight, the temperature had decreased by $15.7^{\circ}f$. What is the temp at midnight?</p>	<p>Complete the equation to make it true:</p> $-4.5 + 4.4 + \underline{\hspace{1cm}} = 0$										
29	30	31												
<p>At midnight the temperature was -8°. At noon, the temperature was 23°. What was the change in temperature?</p>	<p>If you spend \$100 a day, how many days will it take you to spend a million dollars?</p>	<p>Use an integer to show at sea level.</p>												