

**Incoming 7<sup>th</sup> Grade  
Summer Assignment - Math Calendar**

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5
<p>Simplify:</p> $(6 \times 3) + 376 \div 8 - 4 + 4^3$	<p>Solve</p> $\left(6\frac{1}{8} + \frac{2}{3}\right) - 3\frac{11}{12}$	<p>545 is halfway between 350 and what number?</p>	<p>An equation is shown below.  <math>12 - 9 - c = 12</math>                      What value for c makes the equation true?</p>	<p>Kate has a coin collection. She keeps 7 coins in a box, which is only 5% of her collection. What is the total number of coins she has?</p>
8	9	10	11	12
<p>What is the GCF of 36 &amp; 90</p>	<p>24% of the 6<sup>th</sup> grade purchases lunch. 196 6<sup>th</sup> grades bring their lunch from home. How many 6<sup>th</sup> graders are there in all?</p>	<p>There are 230 calories in 4 ounces of ice cream. How many calories are in 6 ounces?</p>	<p>A shape is made of 12 right triangles of equal size. Each right triangle has a base of 4cm and height of 5cm. What is the total area, in sq cm, of the shape?</p>	<p>Write an equivalent expression for:</p> $\frac{123}{100}$
15	16	17	18	19
<p>Simplify:</p> $5(4x + 3) - 2x$	<p>What is the surface area?</p>	<p>Is the following equivalent?</p> $x + x + x = x^3$	<p>If there is a 6-sided figure with each side equaling x, write a formula to find the perimeter</p>	<p>Find the area &amp; perimeter.</p>
22	23	24	25	26
<p>Place parentheses in the following equation to make it true</p> $6 + 6 \div 6 \times 6 - 6 = 0$	<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>Simplify</p> $-2(9 + 32n)$	<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>Simplify</p> $n + n - .18n$		