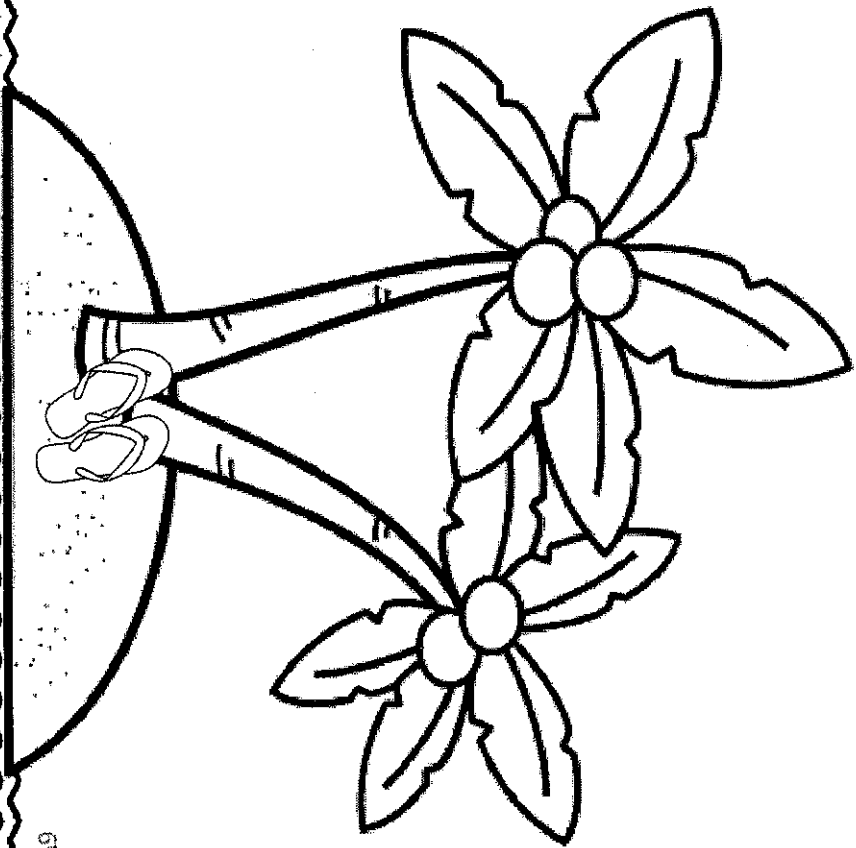


# Incoming 6th Grade Summer Math Calendar

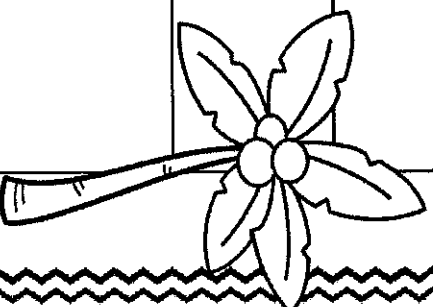


# Week One

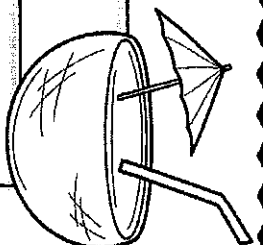
## Problem

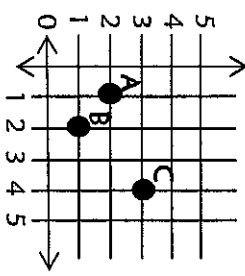
## Work & Answer

<p>List the factors of each number.</p> <p>a.) 24 b.) 64</p> <p>4.OA.4</p>	
<p>Fill in the missing number.</p> <p>a.) <math>0.24 - .128 = ?</math> b.) <math>94.19 + 2.6 + \underline{\quad} = 161.29</math></p> <p>5.NBT.7</p>	
<p>Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math></p> <p>a.) <math>0.245</math> <input type="radio"/> <math>0.0245</math> b.) <math>24.500</math> <input type="radio"/> <math>24.5</math> c.) <math>20.405</math> <input type="radio"/> <math>20.45</math></p> <p>5.NBT.3</p>	
<p>Write the following in expanded form:</p> <p>a.) 0.234 b.) 14.78</p> <p>5.NBT.3</p>	
<p>Divide:</p> <p>a.) <math>2,936 \div 4</math> b.) <math>14,783 \div 12</math></p> <p>5.NBT.6</p>	



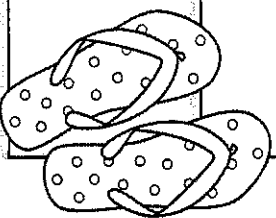
# Week Two



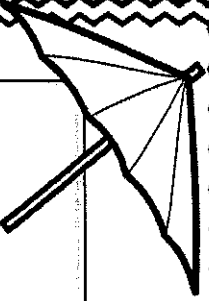
Problem	Work & Answer
<p>List the next <b>four</b> terms in the sequences with the given rule:</p> <p>a.) Start at 0, add three</p> <p>b.) Start at 0, add six</p> <p>c.) What is the relationship between the two sequences?</p> <p>5.OA.3</p>	
<p>Multiply:</p> <p>a.) <math>23.5 \times 6</math></p> <p>b.) <math>2.35 \times 0.6</math></p> <p>c.) <math>235.0 \times 0.06</math></p> <p>5.NBT.7</p>	
<p>Name each ordered pair.</p>  <p>5.G.1</p>	
<p>Solve: a.) <math>\frac{1}{2} + \frac{1}{4}</math>    b.) <math>\frac{1}{4} + \frac{1}{3} + 3\frac{7}{12}</math></p> <p>5.NF.1</p>	
<p>Round each number to the nearest tenth:</p> <p>a.) 985.76    b.) 43.52    c.) 0.859</p> <p>5.NBT.4</p>	

# Week Three

<b>Problem</b>	<b>Work &amp; Answer</b>
Use the order of operations to simplify each expression: a.) $(6 \times 3) + 72 \div 8 - 5 + 1$ 5.OA.1 b.) $3 \times \{[(65-49) + (42 \div 7)] \div 2\}$	
Order the following from least to greatest: 0.25, 2.205, 0.502, 0.225, 2.025 5.NBT.3	
Find the <b>product</b> of each of the following: a.) $2.85 \cdot 29$ b.) $\$1.55 \cdot 13$ c.) $1.2 \cdot 2.1$ 5.NBT.7	
If you bought 3 CD's each costing \$12.99, and paid with a \$50 bill. What would your change be? 5.NBT.7	
Order the fractions from least to greatest $\frac{1}{2}, \frac{2}{3}, \frac{1}{4}, \frac{2}{5}$ 4.NF.2	

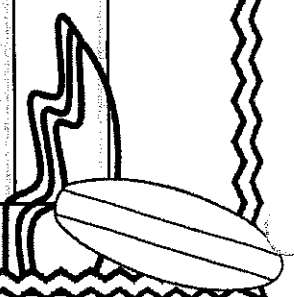


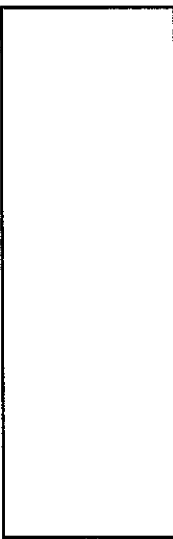
# Week Four



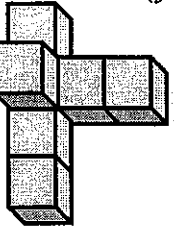
Problem	Work & Answer
<p>Round each to the nearest hundredth:</p> <p>5.NBT.4</p> <p>a.) 2.359 b.) 0.145</p>	
<p>5.MD.1</p> <p>a.) How many feet are in 3 miles? b.) How many inches are in 1 yard?</p>	
<p>5.MD.2</p> <p>Create a line plot that shows the following data of the amount of rain in inches over the course of a week:</p> $\frac{1}{2}, \frac{3}{4}, \frac{1}{8}, \frac{1}{4}, \frac{1}{2}, \frac{4}{4}, \frac{2}{8}$	A horizontal line with arrows at both ends, intended for a line plot.
<p>4.MD.3</p> <p>Find the perimeter and area of the following figure.</p> <p>4ft</p> <p>14ft</p>	
<p>5.NBT.1</p> <p>Use the number <b>555.55</b> to complete the following:</p> <p>a.) The digit in the ones place is _____ times as much as the digit in the tenths place. b.) The digit in the hundredths place is _____ times as much as the digit in the tenths place.</p>	

# Week Five



<b>Problem</b>	<b>Work &amp; Answer</b>
5.NF.4 Use a model to show $\frac{3}{4} \cdot \frac{1}{2}$	
5.NF.1 a.) $\frac{5}{12} - \frac{1}{12}$ b.) $6 - \frac{3}{5}$	
5.NF.1 Draw a triangle that is neither equilateral or isosceles.	
5.G.3 Estimate first and then solve. a.) $94.71 - 62.3$ b.) $24.56 + 11.94$	
5.NBT.7 If you tripled the number of sides of a pentagon, how many sides would the new figure have? 5.G.3	

# Week Six

<b>Problem</b>	<b>Work &amp; Answer</b>
<p>5.NF.4</p> <p>a.) <math>\frac{4}{7} \cdot \frac{3}{8}</math></p> <p>b.) <math>2\frac{1}{5} \cdot \frac{10}{12}</math></p> <p>Write the following expressions: a.) Multiply twelve and four, then add forty-seven. b.) Add thirty-five to the product of eight and six.</p>	
<p>5.OA.2</p> <p>An apple pie was cut into one eighth pieces. If Michael's family ate one fourth of the total pie, how slices were left over? (Hint: Draw a picture)</p> <p>5.NF.6</p> <p>Solve the following: a.) <math>6.543 \times 10^2</math> b.) <math>6.543 \times 10^3</math> c.) Describe the pattern you see.</p>	
<p>5.NBT.2</p> <p>Measure the volume by counting the unit cubes.</p> <p>5.MD.3</p> 	

# Week Seven

<b>Problem</b>	<b>Work &amp; Answer</b>
<p>A board 8ft. 4in. long is cut into four pieces of equal length. How long is each piece?</p> <p>5.NF.2</p> <p>Write the following in standard number form: a.) Three and thirty-eight hundredths b.) Sixty-five and seven hundredths</p>	
<p>5.NBT.3</p> <p>Find the unknown</p> <p>a.) <math>1\frac{2}{7} - ? = \frac{6}{7}</math> b.) <math>\frac{1}{2} + ? = \frac{11}{12}</math></p> <p>5.NF.1</p> <p>Sam and Sally were knitting scarves for a winter clothing drive. Sam had completed <math>6\frac{3}{5}</math> scarves while Sally had finished <math>8\frac{1}{4}</math> scarves. How many more scarves did Sally complete?</p>	
<p>5.NF.2</p> <p>Write the following in word form:</p> <p>a.) 17.80 b.) 2.16</p> <p>5.NBT.3</p>	

