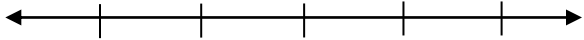
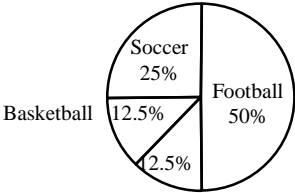
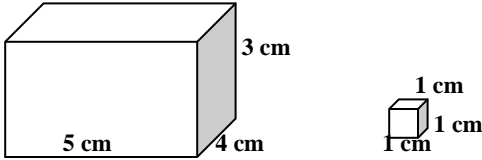
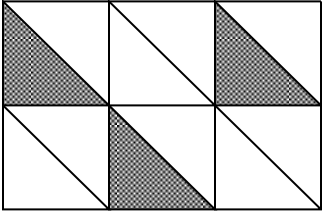


Summer Review for students who have COMPLETED Math 6
Show your work. Use extra paper if needed and attach it to the packet.

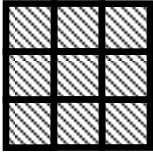
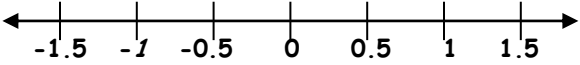
Week #1

Name: _____

<p>1. Write 40% as a simplified fraction and as a decimal number.</p>	<p>2. Graph: $x \leq 3$</p> <div style="text-align: center;">  </div> <p>Is this problem an example of an expression, an equation, or an inequality?</p>
<p>3. 6 out of 50 states are in the New England region. What ratio of the United States is not in New England?</p>	<p>4. Write each repeated multiplication in exponential form:</p> <p style="text-align: right;">$3 \times 3 \times 3 \times 3$ _____</p> <p style="text-align: right;">$5 \times 5 \times 7 \times 7 \times 7$ _____</p> <p style="text-align: right;">$4 \times n \times n \times n \times m \times m$ _____</p>
<p>5. a) One out of every four students surveyed chose _____ as their favorite sport.</p> <p>b) How many students said football was their favorite sport? _____</p> <div style="text-align: center;">  <p>200 Sixth Graders Were Surveyed</p> </div>	<p>6.</p> <div style="text-align: center;">  </div> <p>a) Estimate the number of centimeter cubes you will need to fill the large box (rectangular prism). _____</p> <p>b) If you covered the bottom with one layer of centimeter cubes, how many would you need? _____</p> <p>c) How many such layers would be in this box? _____</p>
<p>7. On January 1, Betsy was 5 feet, $4\frac{1}{2}$ inches ($5' 4\frac{1}{2}"$) tall. By the end of March she grew $1\frac{3}{4}$ inches. How tall was she at the end of March?</p>	<p>8. What percent of the figure below is shaded?</p> <div style="text-align: center;">  </div>
<p>9. Find the value of the expressions below.</p> <p>$2^1 =$ _____ $2^2 =$ _____</p> <p>$2^3 =$ _____ $2^4 =$ _____</p>	<p>10. Create an equation to show an example of the additive identity property.</p>

Summer Review for students who have COMPLETED Math 6

Week #2

<p>1. If 6 cans of soup cost \$1.50, how much will 9 cans cost?</p>	<p>2. Write an exponential expression to represent the number of small squares in the diagram.</p> 
<p>3. Jim's backpack weighs 3 kg when filled. How many pounds is this, approximately?</p>	<p>4. Consider the inequality statement: $2 \geq x$</p> <p>Write another inequality statement that means the same thing about the values of 2 and x.</p>
<p>5. Is the value of these expressions the same? Explain, and show your work.</p> $4 \cdot 6 - 4$ $4(6 - 4)$	<p>6. Write 80% as a fraction in lowest terms. _____</p> <p>Write 80% as a decimal. _____</p> <p>Show the decimal on the number line.</p>  <p>Draw a picture to show 80%.</p>
<p>7. You toss two coins, each with "heads" on one side and "tails" on the other side. What is the probability that both of them land as "tails"?</p>	<p>8. True or False.</p> <p>All triangles are congruent. _____</p> <p>Explain your answer.</p>
<p>9. Elizabeth had $\frac{3}{4}$ of her birthday candy left. She gave Toni $\frac{1}{2}$ of what she had. How much of her original candy does she have left?</p>	<p>10. Write <u>sometimes</u>, <u>always</u>, or <u>never</u>.</p> <p>a) a negative integer is less than a positive integer. _____</p> <p>b) a negative integer is less than another negative integer. _____</p>