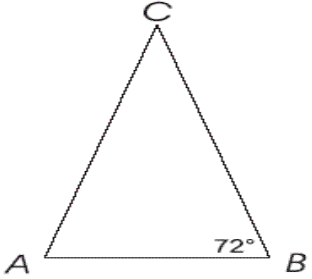
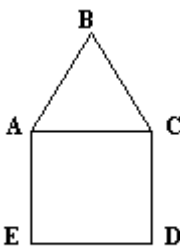
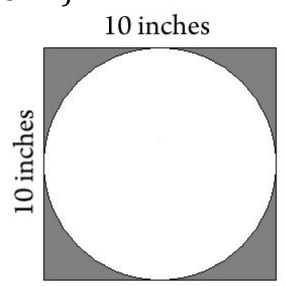
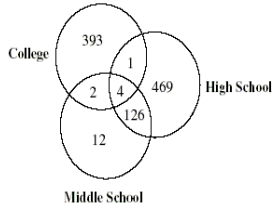
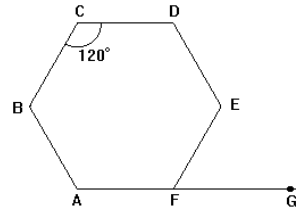
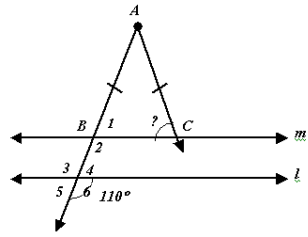
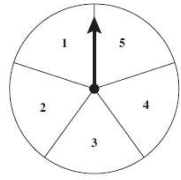
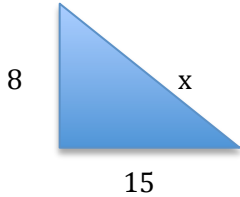
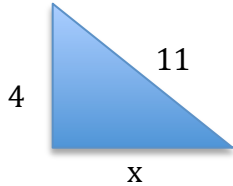


	Monday	Tuesday	Wednesday	Thursday	Friday	Time spent doing this week's work														
July Week 1	<p>If <math>x = 2</math> and <math>y = 4</math>, what is the value of the following expression?</p> $x - 5y$ <p>4041</p>	<p>Each band member had 12 tickets to sell to the spring concert.</p> <p>Jamie sold <math>\frac{2}{3}</math> of his tickets. Kim sold <math>\frac{1}{2}</math> of hers. Matt sold <math>\frac{3}{4}</math> of his. Sally sold <math>\frac{7}{12}</math> of hers.</p> <p>Who sold the most tickets?</p> <p>1069</p>	<p>There are 15 lottery tickets available. Roy knows that 6 of them are winning. If Roy picks one ticket at random, what is the probability that it will be a winning ticket?</p> <p>2149</p>	<p>Triangle ABC is an isosceles triangle in which line AC is congruent to line BC. What is the measure of angle ACB?</p>  <p>6036</p>	<p>The area of a square is 49 square inches. What is the length of one side of the square?</p> <p>14841</p>															
	July Week 2	<p>The square root of 31 is between what two whole numbers?</p> <p>894</p>	<p>In the figure, the perimeter of the equilateral triangle is 24 inches. What is the area of the square?</p>  <p>136</p>	<p>At 4:00pm on a sunny day, a stick 2 feet tall casts a shadow 5 feet long. At the same time, a tree nearby casts a shadow 55 feet long. What is the height, in feet, of the tree?</p> <p>1644</p>	<p>What is the correct choice?</p> <table border="1" data-bbox="1218 990 1522 1096"> <tr> <td>Input</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>...</td> <td><math>n</math></td> </tr> <tr> <td>Output</td> <td>10</td> <td>13</td> <td>16</td> <td>19</td> <td>...</td> <td>?</td> </tr> </table> <p>If the input is <math>n</math>, what will the output be?</p> <p>A. <math>n + 3</math> B. <math>n + 7</math> C. <math>3(n + 2) + 1</math> D. <math>3n + 1</math></p> <p>223</p>	Input	3	4	5	6	...	$n$	Output	10	13	16	19	...	?	<p>There are 11 teachers and 132 students at a middle school. What is the ratio of teachers to students?</p> <p>12375</p>
Input	3	4	5	6	...	$n$														
Output	10	13	16	19	...	?														

<h1>July Week 3</h1>	<p>What is the area of the shaded part of this figure? (assume <math>\pi = 3.14</math>)</p>  <p>10 inches</p> <p>10 inches</p> <p>1306</p>	<p>The Venn diagram below shows Leila's graduating classes from middle school, high school, and college. How many students graduated together from <b>both</b> Leila's middle school and high school?</p> <p>Leila's Graduating Classes</p>  <p>4517</p>	<p>This is a regular hexagon. How many degrees are in angle EFG?</p>  <p>1176</p>	<p>Which of the these choices is an irrational number?</p> <p>A. <math>\frac{4}{3}</math></p> <p>B. <math>\sqrt{24}</math></p> <p>C. <math>\sqrt{81}</math></p> <p>D. <math>-4.07</math></p> <p>2209</p>	<p>In the figure shown, lines <math>l</math> and <math>m</math> are parallel, and triangle <math>ABC</math> is isosceles. What is the measure of angle <math>ACB</math>?</p>  <p>61</p>	
<h1>July Week 4</h1>	<p>What does <math>x</math> equal in the equation below?</p> <p><math>4x - 2 = 10</math></p> <p>4383</p>	<p>So far this term, Heidi has these scores on quizzes: 87, 86, 96, 87. What is the lowest score she can get on the one remaining quiz to have a final average (mean) score of 90?</p> <p>2236</p>	<p>What is the solution to the equation below?</p> <p><math>\frac{y}{-7} = 21</math></p> <p>56182</p>	<p>Simplify the expression below?</p> <p><math>23 + 12 \times 18</math></p> <p>32978</p>	<p>Yepa must get a sum of 8 on her next two spins of the arrow on the spinner shown. All the sections of the spinner are of equal size. What is the probability that the results of Yepa's next two spins will have a sum of 8?</p>  <p>56187</p>	

	Monday	Tuesday	Wednesday	Thursday	Friday	Time spent doing this week's work
August Week 1	<p>Find the diameter of a circle with the given circumference. Use 3.14 for pi. C=116.18ft</p> <p>190875</p>	<p>Find the radius of a circle with the given circumference. Use 3.14 for pi. C=142.87cm</p> <p>190876</p>	<p>Find the value: <math>(37 - 46) \div 3^2 - 4(1)</math></p> <p>32914</p>	<p>What is the value of the expression below when <math>x = 12</math> and <math>y = -12</math>?</p> <p><math>(x-y)(x+y)</math></p> <p>56695</p>	<p>What are the <b>coefficients</b> in the following expression?</p> <p><math>-4p + 8f + 6</math></p> <p>59905</p>	
August Week 2	<p>If the pattern below follows the rule "add 4 to the previous number and then multiply the result by 2" what is the third number in the pattern, based on the initial number 1? 1, <u>    </u>, <math>\Delta</math>, .....</p> <p>92757</p>	<p>Use the Pythagorean Theorem to find the missing length of the triangle.</p>  <p>75414</p>	<p>Use the Pythagorean Theorem to find the missing length of the triangle.</p>  <p>75331</p>	<p>Worcester and Dallas are approximately 3,080,000 yards apart. Write 3,080,000 yards in scientific notation?</p> <p>57931</p>	<p>Order the fractions from least to greatest.</p> <p>11/18, 17/24, 7/12, 3/4</p> <p>189057</p>	

August Week 3

Solve for x.

$$7(8x + 6) = -1$$

87124

Solve for x.

$$9(5 + x) = 15(10 + x)$$

87221

Solve for x.

$$\frac{9x}{7} + 6 = 6$$

87008

Solve for x.

$$\frac{2x}{11} (11 - 7) = 6$$

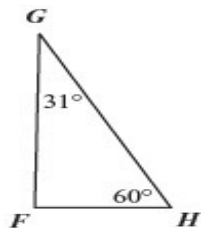
87072

Solve for x.

$$\frac{11x}{4} (4 - 2) = 9x + 10$$

86954

August Week 4



What is the measure of angle F?

56047

Minutes James Swam

Day	Number of Minutes
Monday	20
Tuesday	25
Wednesday	14
Thursday	25
Friday	11

What is the **mean** (average) number of minutes James swam per day for the 5 days?

55996

Simplify the following:

$$5x - 10y + 8x - 5y - 3x - 7x$$

132031

Simplify the following:

$$-(7x + 2) + (1x - 3)$$

132007

Use the distributive property to multiply.

$$21(10m - 16)$$

85476