

Block: Algebra Daily 5 Week 7	
<p><b>+3x</b> <b>Wednesday</b></p> <p>12 2 <math>m=3</math></p> <p>Factor the following expression.</p> <p><math>(8x^3 - 12x^2y - 14x + 21y)</math></p>	<p><math>(2x-3y)(4x^2-7)</math></p> <p><math>4x^2(2x-3y) - 7(2x-3y)</math></p> <p><math>x &gt; 49</math></p>
<p>create first odd integers 51, 53 55, 57 59</p> <p>If the sum of 5 consecutive odd integers is greatest than 265, what are the smallest integers that would work?</p>	<p><math>5x + 20 &gt; 265</math></p> <p><math>-20 \quad -20</math></p> <p><math>5x &gt; 245</math></p> <p><math>x + x + 2 + x + 4 + x + 6 + x + 8 &gt; 265</math></p>
<p>ark. Ed rees. <math>0 &lt; 0</math></p> <p>Juwaun decides to go to the Wheeler softball game. It is \$3 to get in and then \$1 per drink and \$1.50 per Zaxby nibbler. If he buys d drinks and n nibblers, write an equation in function notation to represent how much he spent.</p> <p>Then identify the coefficients and constants and describe what they mean in context.</p>	<p><math>Cost = 3 + 1d + 1.50n</math></p> <p>Coef: 1, 1.50</p> <p>Constant: 3</p>
<p>ange of the ion Numbers</p> <p>Katy has a playground at her school. The width of the playground is 10 ft less than triple the length, and the perimeter totals 236 ft. what are the dimensions of the playground?</p>	<p><math>w = 3l - 10</math></p> <p><math>l = 32ft, w = 86ft.</math></p> <p><math>2l + 2(3l - 10) = 236</math></p> <p><math>8l - 20 = 236</math></p> <p><math>8l = 256</math></p> <p><math>l = 32ft</math></p>
<p>what do Katy is planting flowers around her playground. She wants to plant tulips every 2 feet. A crate of tulips has 32 tulips. If each crate costs \$2.25, how much would Katy spend to purchase EXACTLY enough flowers for the playground? How much would she practically spend?</p>	<p>each crate: 32 tulips</p> <p><math>236 \div 2 = 118</math></p> <p><math>118 \div 32 = 3.6875</math></p> <p><math>19 \times 2.25 = 42.75</math></p>
<p><math>118 ft \times 2 = 236 ft</math></p> <p><math>236 \div 32 = 7.375</math></p> <p><math>7.375 \times 2 = 14.75</math></p> <p><math>14.75 \times 2 = 29.5</math></p> <p><math>29.5 \times 2 = 59</math></p> <p><math>59 \times 2 = 118</math></p>	
<p><math>236 ft \mid 5 tulips \mid 1qt \mid 1crate \mid \\$2.25</math></p> <p><math>26ft \mid 8 tulips \mid 4qt \mid 1crate</math></p> <p>But you cannot buy part of a crate!</p> <p>You need 390 tulips \$41.48</p> <p><math>\frac{390}{32} \approx 18.75</math> you need 19 crates = \$42.75</p>	