

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 5 odd integers is greatest than 265, what are the smallest integers that would work?</p> <p>51, 53, 55, 57, 59</p>	<p><math>5x + 20 &gt; 265</math></p> <p><math>\frac{-20}{5x} &gt; \frac{-20}{5}</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 grees.</p> <p><math>0 &lt; 0</math></p> <p>expression,</p> <p>(2, 0)</p> <p>ion.</p> <p>P</p> <p>nt, <math>0 &lt; 0</math>.</p> <p>on, (2, 0)</p> <p>t a</p>	<p>Juwaan 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>Cost = <math>3 + 1d + 1.50n</math></p> <p>Coef: 1, 1.50</p> <p>Constant: 3</p>										
<p>ange of the</p> <p>tion</p> <p>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>3l - 10</math></p> <p><math>l = 32 \text{ ft}</math>, <math>w = 86 \text{ ft}</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 = 32 \text{ ft}</math></p>										
<p>what do</p>	<p>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 \text{ ft} \times 2 = 236 \text{ ft}</math></p> <p><math>236 \div 32 = 7.375</math></p> <p><math>7.375 \times 2.25 = 16.59375</math></p>										
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<p><math>19 \times 2.25 = 42.75</math></p>											
<table border="1"> <tr> <td>236 ft</td> <td>5 tulips</td> <td>1 qt</td> <td>1 crate</td> <td>\$2.25</td> </tr> <tr> <td>26 ft</td> <td>8 tulips</td> <td>4 qt</td> <td>1 crate</td> <td></td> </tr> </table> <p>But you cannot buy part of a crate!</p> <p>You need 390 tulips \$41.48</p> <p><math>\frac{390}{32} \approx 12.1875</math> you need 19 crates = \$42.75</p>		236 ft	5 tulips	1 qt	1 crate	\$2.25	26 ft	8 tulips	4 qt	1 crate	
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