Pre-Calculus - Summer 2018 Assignment

Hello 2018–2019 Pre-Calculus Student (and Parent/Guardian),

This summer you will complete math work online to review the basic skills that you will need in order to be prepared for Pre-Calculus. Mastery of Pre-Calculus is necessary preparation for upper level math and sciences at the high school. Stronger content knowledge in the fundamentals of mathematics will also prepare you for college level work. **You receive this IXL subscription FREE OF CHARGE!**

- The summer IXL assignment will go into the grade book as an assignment score, based on your Smart Scores. Students need to reach a Smartscore of 80 or above.

- There will also be an IXL test that will go into the grade book to check your proficiency with the summer topics.

The website is [www.ixl.com](http://www.ixl.com). You will be given a username and password. If you are unable to find them, then contact Mr. Murray at [pmurray@bethelsd.org](mailto:pmurray@bethelsd.org).

If you get stuck on a problem, then you can go to your favorite browser and type in the keywords to search for an answer. You can also talk to your friends, look through youtube, or check math websites (khanacademy.com, wolframalpha.com, purplemath.com, brightstorm.com, mathworksheetsgo.com).

A math teacher will be at GKHS on Wednesdays from 8am to 11am to assist students in their summer work. Wednesday dates will be: 6/27, 7/11, 7/18, 7/25, 8/1, 8/8, 8/15, 8/22, 8/29.

Have a great summer!

Pre-Calculus Teachers: Ms. McDonough - Mrs. Oliver - Mr. Andersen
Principal: Matt Yarkosky

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**IXL Algebra 1 Review Topics**

**Due to summer updates, complete the targets by title not by target number.**

**Target numbers may change.**

<table>
<thead>
<tr>
<th>C5</th>
<th>G2</th>
<th>G3</th>
<th>H2</th>
<th>J5</th>
<th>J6</th>
<th>K8</th>
<th>Q2</th>
<th>Z4</th>
<th>Z6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solve Proportions</td>
<td>Midpoints</td>
<td>Distance Between Two Points</td>
<td>Distributive Property</td>
<td>Solve Advanced Linear Equations</td>
<td>Solve Equations with Variables on Both Sides</td>
<td>Solve Two-Step Linear Inequalities</td>
<td>Domain and Range of Relations</td>
<td>Add and Subtract Polynomials</td>
<td>Multiply a Polynomial by a Monomial</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Z8</th>
<th>AA2</th>
<th>AA4</th>
<th>AA5</th>
<th>BB1</th>
<th>BB6</th>
<th>BB7</th>
<th>BB10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiply Two Binomials</td>
<td>Factor Out a Monomial</td>
<td>Factor Quadratics with Leading Coefficient of One</td>
<td>Factor Quadratics with Other Leading Coefficients</td>
<td>Characteristics of Quadratic Functions</td>
<td>Solve an Equation Using the Zero Product Property</td>
<td>Solve a Quadratic Equation by Factoring</td>
<td>Solve a Quadratic Equation Using the Quadratic Formula</td>
</tr>
</tbody>
</table>

Username:  
Password: