**Rate Yourself – Summer Assignment (AB Calculus Prerequisite Skills) Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4** – I have mastered this topic; I know how to do all of these problems and should be able to apply them when they show up in the middle of Calculus.

**3** – I have a firm grasp of this topic; I know how to do all of these problems, but might need a reminder when they show up in the middle of Calculus.

**2** – I am progressing with this topic; I know how to do most of these problems, but am still struggling with some of the applications.

**1** – I am struggling with this topic; I need to do more practice and seek help on these problems.

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| **Topic** | **Circle Your Rating** | **Plan For Improving My Rating On This Topic** |
| A. Functions | 4 3 2 1  |  |
| B. Domain & Range | 4 3 2 1  |  |
| C. Graphs of Common Functions | 4 3 2 1  |  |
| D. Even & Odd | 4 3 2 1  |  |
| E. Transformations of Graphs | 4 3 2 1  |  |
| F. Special Factorization | 4 3 2 1  |  |
| G. Linear Functions | 4 3 2 1  |  |
| H. Solving Quadratic Functions | 4 3 2 1  |  |
| I. Asymptotes | 4 3 2 1  |  |
| J. Negative & Fractional Exponents | 4 3 2 1  |  |
| K. Eliminating Complex Fractions | 4 3 2 1  |  |
| L. Inverses | 4 3 2 1  |  |
| M. Adding & Solving Fractional Equations | 4 3 2 1  |  |
| N. Solving Absolute Value Equations | 4 3 2 1  |  |
| O. Solving Inequalities | 4 3 2 1  |  |
| P. Exponential Functions and Logarithms | 4 3 2 1  |  |
| Q. Right Angle Trigonometry | 4 3 2 1  |  |
| R. Special Angles | 4 3 2 1  |  |
| S. Trigonometric Identities | 4 3 2 1  |  |
| T. Solving Trig Equations and Inequalities | 4 3 2 1  |  |
| U. Graphical Solutions to Equations & Ineq. | 4 3 2 1  |  |

**"The limit of your success as your diligence approaches infinity, Does Not Exist" - Mrs. Brown**