**+Algebra Survey MAT 121**

**High School Graduation within 5 years**

|  |  |
| --- | --- |
| Name |  |
| S# |  |
| Date of Birth |  |
| College you are attending |  |
| Date you graduated from high school |  |
| What language do you consider to be your first langauge or the language you speak at home? |  |

|  |
| --- |
| **Place a checkmark in the column that best describes you.** |
| My overall GPA in high school was | 3.0 to 4.0 | 2.5 to 3.0 | 2.0 to 2.5 | Below 2.0 |
| My grades in math classes were usually | A | B | C | D/F |
| **Check the box that best describes your comfort level in your high school classes.** | **Very much like me** | **Sometimes like me** | **Not much like me** | **Not at all like me** |
| I applied myself to my studies in my math courses. |  |  |  |  |
| I completed my math assignments on time.  |  |  |  |  |
| I attended my math classes regularly. |  |  |  |  |
| I used the resources available when I needed help in my math classes, for example tutoring. |  |  |  |  |
| I was comfortable learning new material in a math class. |  |  |  |  |
| I was comfortable solving word problems. |  |  |  |  |
| I was confident that I could solve algebra problems. |  |  |  |  |
| **You do not need to solve the problems here.****I am confident that I can do the following:** | **By myself** | **With some help** | **Maybe** | **No** |
| I know how to evaluate this expression by following order of operations$$\frac{1}{2}÷\frac{7}{8}+\frac{1}{7}⋅\frac{2}{3}$$ |  |  |  |  |
| I know how to find the product and simplify$$\frac{x^{2}-25}{x^{2}-3x-10}⋅\frac{x+2}{x-5}$$ |  |  |  |  |
| I know how to use the formula $F=kav^{2}$ to find the force exerted on a plane’s wing during take-off if the area of the wing is 100 ft2, $k=5/4$, and $v=90$ mph. |  |  |  |  |
| I know how to solve the equation$$\frac{11}{2x}+\frac{2}{3}=\frac{7}{2x}$$ |  |  |  |  |
| I know how to simplify the radical$$-2\sqrt{-108}$$ |  |  |  |  |
| I know how to factor the expression$$12x^{2}+5x-3$$ |  |  |  |  |
| I know how to graph the equation$$-3x+6y=-6$$ |  |  |  |  |