Are you ready for MTH 161?

The purpose of this review is to verify your readiness for MTH 161.

**You do not need to solve these problems.**

Simply review them and answer the three questions below.

* *Do these math problems below look familiar to you?*
* *Have you learned these types of problems in prior math classes?*
* *If you reviewed this material, would you be able to solve most of these problems?*

1. *Simplify the following expressions.*
   1. *b. c.*
2. *Given, identify the vertex, x- and y- intercepts and sketch the graph.*
3. *Factor the following completely.*
4. *Solve the following equations.*
5. *Solve the inequality and sketch your solution on a number line.*
6. *Find the equation of the line in Slope-intercept form passing through the points and.*

**COURSE PLACEMENT RECOMMENDATIONS**

* If you answered yes to at least two of the questions, you should consider enrolling in MTH 161.
* If you answered yes to one of the questions, you should consider enrolling in MTH 161 with the co-requisite course, if it is offered at your college. Please contact advisor for pre-requisite requirements.
* If you answered no to all three questions, refer to “Are you ready for MTH 154, MTH 155, or Algebra?”