Are you ready for MTH 131?

The purpose of this review is to verify your readiness these math courses.

**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. $\frac{-6+(-2)}{-3+1}$ *b.* $(-2)^{3 }+(-3)(2)$ *c.* $9\frac{1}{4}-2\frac{2}{3}$
2. *Answer the following problems involving percents*
3. *What is 40% of 380?*
4. *What percent of 80 is 72?*
5. *Convert 0.3 to a percent.*

 *3a. Solve each equation.*

1. $2x+6=5$ *b.* $3x=6$ *c.* $3(x-5)=4$

 *3b. Plot the point (-3,4) on the coordinate plane below.*

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*5. Write the following numbers in scientific notation.*

1. $0.00345$ *b.* $324,567,000$

*6. Write the following scientific numbers in standard notation.*

1. $1.23 x 10^{5}$ *b.* $3.67 x 10^{-4}$

**GENERAL COURSE PLACEMENT RECOMMENDATIONS**

* If you answered yes to at least one of the questions, you should consider enrolling in MTH 131.
* If you answered no to all three questions, you must enroll in pre-requisite development courses. Please contact an advisor.