

Are you ready for MTH 131?

The purpose of this review is to verify your readiness for MTH 131.

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

a. $\frac{-6+(-2)}{-3+1}$ b. $(-2)^3 + (-3)(2)$ c. $9\frac{1}{4} - 2\frac{2}{3}$

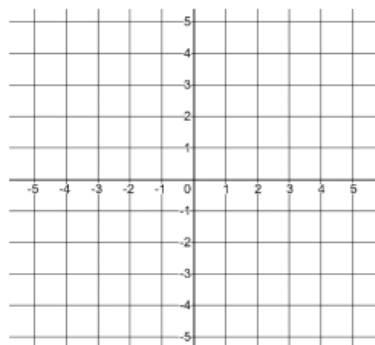
2. Answer the following problems involving percents

- a. What is 40% of 380?
- b. What percent of 80 is 72?
- c. Convert 0.3 to a percent.

3. Solve each equation.

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

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



5. Write the following numbers in scientific notation.

a. 0.00345 b. 324,567,000

6. Write the following scientific numbers in standard notation.

a. 1.23×10^5 b. 3.67×10^{-4}

COURSE RECOMMENDATIONS BASED ON QUESTIONS ABOVE

- If you answered “yes” to at least 1 of the above questions, you should consider enrolling in **MTH 131**.
- If you answered “no” to all 3 of the above questions, you should consider enrolling in **MDE 10**.