

# Course Outcomes: Math 085

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## Pre-Algebra

The following are working course outcomes. These outcomes will be reviewed by the NWIC Curriculum Committee during the curricular review process in 2017 with the intent of creating and approving course outcomes.

At the completion of this course students will be able to:

- Apply arithmetic operations with whole numbers and with integers
- Apply review arithmetic operations with fractions and decimals
- Apply percentages in applications
- Demonstrate intermediate knowledge of ratios, rates, proportions, and their applications
- Demonstrate knowledge of informal geometry and units
- Measurement of ( U.S. Customary and Metric Systems)
- Demonstrate basic knowledge of descriptive statistics and pictographs
- Demonstrate basic knowledge of linear equations (one variable) and their solutions
- Demonstrate basic ability to graph linear equation (in two variables)
- Demonstrate initial knowledge of algebraic expressions and solving simple equations
- Utilize basic critical thinking skill in mathematics