

0021 Basic Algebra I (2)

Knowledge

The students should learn operations on integers, fractions, decimals and percents, properties of real numbers. Should be familiar with the first degree equations and start problem-solving with formulas. Should learn how to solve equations and inequalities in one variable, linear equations.

Comprehension

Should understand the notion of the rate of change and slope, should be able to draw graphs in the Cartesian plane.

Application

The main and most important application is to solve many different problems related to the subject.

Analysis

Should be able to solve first degree equations and start problem-solving with formulas

Synthesis

Should start developing abstract thinking.

Evaluation

Should work consistently to complete progress and comprehensive assessments in ALEKS

Class Activities

To solve problems in class and discuss mathematical ideas.

Out of class Activities

To work regularly to solve problems and add topics to the ALEKS pie.