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.