

Overview

The Elementary Algebra section of ACCUPLACER contains 12 multiple choice Algebra questions that are similar to material seen in a Pre-Algebra or Algebra I pre-college course. A calculator is provided by the computer on questions where its use would be beneficial. On other questions, solving the problem using scratch paper may be necessary. Expect to see the following concepts covered on this portion of the test:

- Operations with integers and rational numbers, computation with integers and negative rational numbers, absolute values, and ordering.
- Operations with algebraic expressions that can be simplified using formulas and expressions, adding and subtracting monomials and polynomials, multiplying and dividing monomials and polynomials, simplifying with positive rational roots and exponents, simplifying algebraic fractions, and factoring algebraic expressions.
- Operations that require solving equations, inequalities, and word problems, solving linear equations and inequalities, using factoring to solve quadratic equations, solving word problems and written phrases using algebraic concepts, and geometric reasoning and graphing.

Testing Tips

- ✓ Use resources provided such as scratch paper or the calculator to solve the problem. DO NOT attempt to solve problems only in your head.
- ✓ Start the solving process by writing down the formula or mathematic rule associated with solving the particular problem.
- ✓ For equations, check your answer by substituting the answer back into the original problem.
- ✓ Make an educated guess if you are unsure of the answer.