



## ACCUPLACER

The ACCUPLACER is a suite of computer-adaptive placement tests that quickly, accurately, and efficiently assess reading, writing, and math skills.

### **Current test sections administered include:**

- Reading Comprehension
- Sentence Skills
- Arithmetic
- Elementary Algebra

Individual student score reports are available immediately after testing.

### **Interpretation of Test Scores**

Course pre-requisites and/or placement criteria are different for most college courses. The Proficiency Statements below provide useful information for understanding a student's skill level.

#### **Reading Comprehension Proficiency Statements**

##### **Total Right Score of About 51**

Students at this level are able to comprehend short passages that are characterized by uncomplicated ideas, straightforward presentation and, for the most part, subject matter that reflects everyday experiences.

These students are able to:

- Recognize the main idea and less central ideas.
- Recognize the tone of the passage when questions do not require fine distinctions.
- Recognize relationships between sentences, such as the use of one sentence to illustrate another.

##### **Total Right Score of About 80**

Students at this level are able to comprehend short passages that are characterized by moderately uncomplicated ideas and organizations and to employ moderately sophisticated vocabulary.

These students are able to:

- Answer questions that require them to synthesize information, including gauging point of view and intended audience.
- Recognize organizing principles in a paragraph or passage.
- Identify contradictory or contrasting statements.

##### **Total Right Score of About 103**

Students at this level are able to comprehend passages that, although short, are somewhat complex in terms of the ideas conveyed and that deal with academic subject matter, often in a theoretical framework.

These students are able to:

- Extract points that are merely implied.
- Follow moderately complex arguments or speculation.
- Recognize tone.
- Analyze the logic employed by the author in making an argument.

## **Sentence Skills Proficiency Statements**

### **Total Right Score of About 53**

Students at this level can:

- Solve problems in simple subordination and coordination
- Correct sentence fragments.

### **Total Right Score of About 86**

Students at this level can:

- Solve problems of faulty coordination and subordination in a sentence with one or two clauses.
- Manipulate complex verb tenses.
- Correct misplaced modifiers.
- Solve problems that combine grammar and logic.

### **Total Right Score of About 110**

Students at this level can:

- Manipulate complex sentences with two or more subordinate clauses.
- Correct problems of syntax and repetitive diction.
- Recognize correct and incorrect linkages of clauses, including problems involving semicolons.

## **Arithmetic Proficiency Statements**

### **Total Right Score of About 31**

Students at this level have minimal arithmetic skills.

These students can:

- Perform simple operations with whole numbers and decimals (addition, subtraction, and multiplication).
- Calculate an average, given integer values.
- Solve simple word problems
- Identify data represented by simple graphs

### **Total Right Score of About 55**

Students at this level have basic arithmetic skills.

These students can:

- Perform the basic arithmetic operations of addition, subtraction, multiplication, and division using whole numbers, fractions, decimals, and percents.
- Make conversions among fractions, decimals, and percents

### **Total Right Score of About 90**

Students at this level have adequate arithmetic skills.

These students can:

- Estimate products and squares of decimals and square roots of whole numbers and decimals.
- Solve simple percent problems of the form  $p\%$  of  $q = ?$  And  $? \%$  of  $q = r$
- Divide whole numbers by decimals and fractions.
- Solve simple word problems involving fractions, ratio, percent increase and decrease, and area.

## **Arithmetic Proficiency Statements, continued**

### **Total Right Score of About 112**

Students at this level have substantial arithmetic skills.

These students can:

- Find equivalent forms of fractions.
- Estimate computations involving fractions.
- Solve simple percent problems of the form  $p\%$  of  $? = r$
- Solve word problems involving the manipulation of units of measurement.
- Solve complex word problems involving percent, average, and proportional reasoning.
- Find the square root of decimal numbers.
- Solve simple number sentences involving a variable.

## **Elementary Algebra Proficiency Statements**

### **Total Right Score of About 25**

Students at this level have minimal pre-algebra skills.

These students demonstrate:

- A sense of order relationships and the relative size of signed numbers.
- The ability to multiply a whole number by a binomial.

### **Total Right Score of About 57**

Students at this level have minimal elementary algebra skills.

These students can:

- Perform operations with signed numbers.
- Combine like terms.
- Multiply binomials.
- Evaluate algebraic expressions.

### **Total Right Score of About 75**

Students at this level have sufficient elementary algebra skills. This level has developed the skills that were beginning to emerge at a Total Right Score of 57.

Students at this level can:

- Add radicals, add algebraic fractions, and evaluate algebraic expressions.
- Factor quadratic expressions in the form  $ax^2 + bx + c$ , where  $a = 1$
- Factor the difference of squares.
- Square binomials.
- Solve linear equations with integer coefficients.

### **Total Right Score of About 108**

Students at this level have substantial elementary algebra skills.

These students can:

- Simplify algebraic expressions.
- Factor quadratic expressions where  $a = 1$
- Solve quadratic equations.
- Solve linear equations with fractional and literal coefficients and linear inequalities with integer coefficients.
- Solve systems of equations.
- Identify graphical properties of equations and inequalities.