

# COMPASS

## MATH SKILLS SAMPLE TEST

This guide to the Math Skills test consists of four sample tests in the following areas:

Pre-Algebra  
Algebra  
College Algebra  
Trigonometry

The sample tests correspond with the mathematics curriculum at Pima Community College in the following manner:

**Pre-Algebra:** MAT 082/MAT 086/MAT 092 or 108

**Algebra:** MAT 092 or 108/MAT 122/MAT 142 or 151

**College Algebra:** MAT 142 or 151/MAT 182 or 187 or 167 or 212 or 172

**Trigonometry:** MAT 142 or 151/MAT 182 or 187 or 167 or 212 or 172

The four sample tests are followed by the answer keys with the problems worked out in detail.

The purpose of the sample guide is to highlight your strengths and also to let you know what you might need to review prior to taking the assessment test itself. Talk to an advisor or a mathematics instructor if you wish more information or brush-up.

When taking the COMPASS assessment, the computer will adapt the difficulty of questions to your skill level as you provide correct or incorrect responses. So, depending on your math skills, you may not be presented with advanced math problems. All test items are multiple choice (5 choices). **You will not have the opportunity to go back and rework problems.**

Calculators and scratch paper will be provided to you so that you may work out your solutions. **The calculator provided to you is the only one approved for use by all Assessment Centers to ensure that every student is using the same level of calculator approved by ACT.**