

# Grade 6 FCAT Mathematics Sample Questions

The intent of these sample test materials is to orient teachers and students to the types of questions on FCAT tests. By using these materials, students will become familiar with the types of items and response formats that they will see on the actual test. The sample test materials are not intended to demonstrate the length of the actual test, nor should student responses be used as an indicator of student performance on the actual test. Additional information about test items can be found in the FCAT Test Item Specifications at http://fcat.fldoe.org/fcatis01.asp and previously released FCAT tests at http://fcat.fldoe.org/fcatrelease.asp.

When the 2010 FCAT Mathematics tests and associated sample test materials were developed, the State of Florida was in the process of revising the Sunshine State Standards in mathematics. These newer standards were not yet approved for use in Florida's schools, so it was not feasible to incorporate these new standards into the 2010 FCAT Mathematics tests. The portion of the 2010 FCAT Mathematics tests that will be used to calculate student results and school grades in 2010 will be composed of items that assess mastery of the 1996 Sunshine State Standards. The 2010 FCAT Mathematics tests will contain field test items that assess mastery of the 2007 Sunshine State Standards. Student performance on these items will not be used to calculate student results or school grades, but data will be gathered and examined so these items can be considered for use on future tests, including those assessing the newer standards.

#### Directions for Answering the Mathematics Sample Questions

Mark your answers on the Mathematics Sample Answer Sheet, which begins on page 14 of this book. If you don't know how to work a problem, ask your teacher to explain it to you. Your teacher has the answers to the sample questions. Beginning in 2010, the sample questions will be distributed to students in print and will be available online, but the sample answers for teachers will only be available online at <a href="http://fcat.fidoe.org/fcatsmpl.asp">http://fcat.fidoe.org/fcatsmpl.asp</a>.

You may need formulas and conversions to help you solve some of the problems. You may refer to the Reference Sheet on pages 4 and 5 as often as you like.

Calculators and rulers are NOT to be used with the Grade 6 FCAT Mathematics Sample Questions.

Use the space in your Mathematics Sample Questions Book to do your work on the multiplechoice and gridded-response questions, but be sure to put your answers on the Sample Answer Sheet.

# **Fcat Math Practice 6**

**D** Kirk

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