



**COMMONWEALTH of VIRGINIA**  
**Department of Education**

February 1, 2013

TO: Division Superintendents

FROM: Patricia I. Wright, Superintendent of Public Instruction

**SUBJECT: Analysis of Statewide Results for the Spring 2012 Standards of Learning Tests for Grades 3-8 Mathematics**

Statewide results for the grades 3-8 spring 2012 SOL mathematics tests have been analyzed to determine specific content that may have challenged students. In order to support preparation of students for the grades 3-8 Standards of Learning (SOL) mathematics tests, PowerPoint presentations that provide examples of SOL content identified by this analysis have been posted on the Virginia Department of Education Web site at [http://www.doe.virginia.gov/testing/sol/performance\\_analysis/index.shtml#math](http://www.doe.virginia.gov/testing/sol/performance_analysis/index.shtml#math).

While some of this content was introduced in the 2009 mathematics SOL, other content was included in both the 2001 and the 2009 SOL. Each PowerPoint presentation contains concrete examples of the content for which student performance was weak or inconsistent. These samples are provided to further clarify the skills and knowledge included. They are not SOL test items and are not meant to mimic SOL test questions. Instead, they are intended to provide mathematics educators with further insight into the concepts that challenged students statewide.

It is important to note that the SOL and examples highlighted in the presentations should not be the sole focus of instruction, nor should these suggestions replace the data that teachers or school divisions have collected on student performance. Rather, this information provides supplemental instructional information based on student performance across the Commonwealth of Virginia.

Should you have any questions, please contact the student assessment staff by e-mail at [Student\\_Assessment@doe.virginia.gov](mailto:Student_Assessment@doe.virginia.gov) or by phone at (804) 225-2102.

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