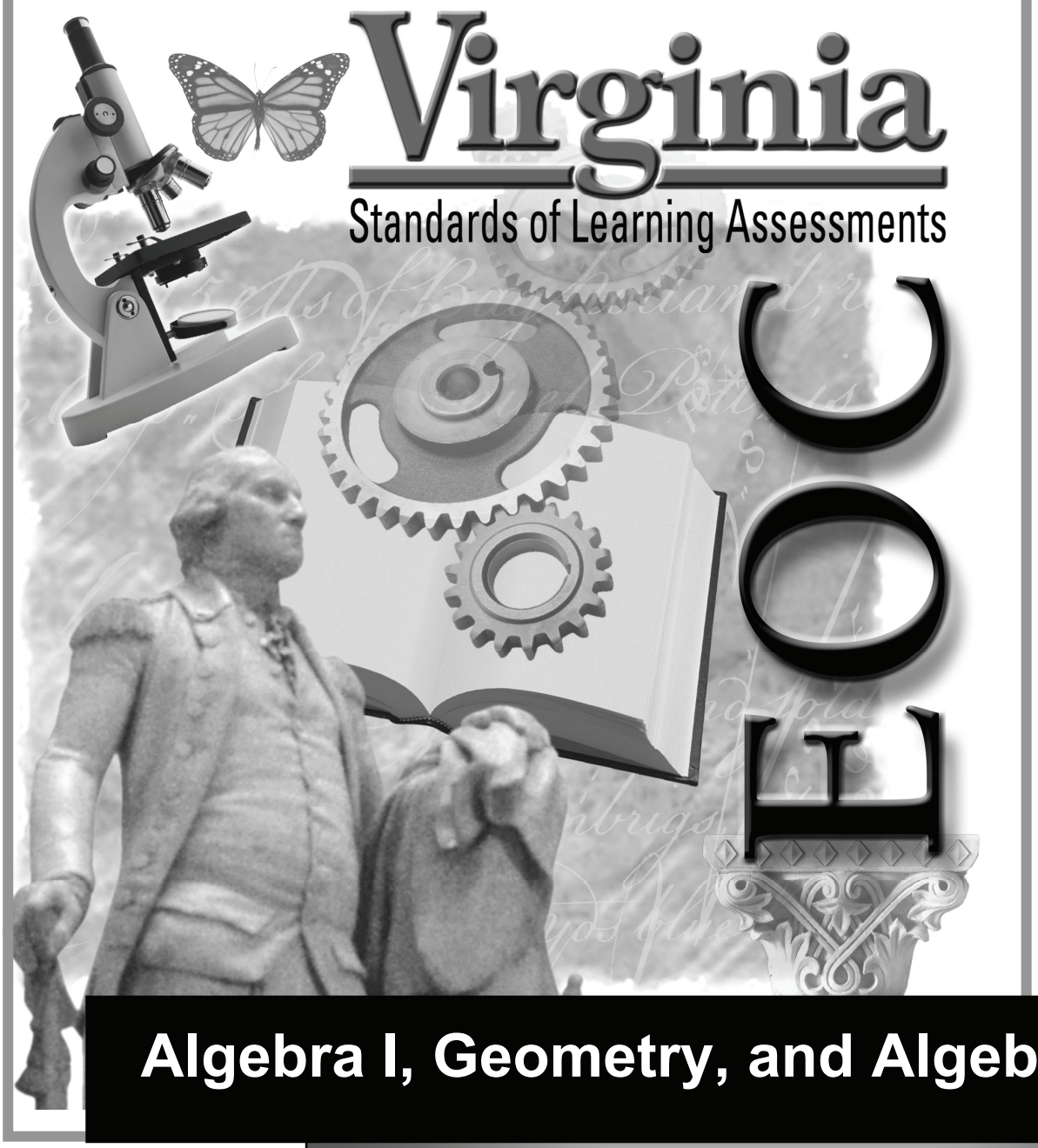
EXAMINER'S MANUAL

REGULAR AND SPECIAL FORMS

SUMMER 2007



Algebra I, Geometry, and Algebra II

Multiple-Choice Tests

Test security guidelines restrict persons who have not signed the *Test Security Agreement* from reading the actual test questions.

NEW FOR SUMMER 2007

Carefully review this *Examiner's Manual* prior to the administration of the Summer 2007 Standards of Learning (SOL) *Mathematics* Assessments. Please pay attention to the following:

- Pearson Educational Measurement (PEM) is the new contractor for the Virginia Assessment Program.
- Students scheduled to graduate by August 31, 2007, are considered to be Term Graduates. For Summer 2007, Term Graduates will take the same multiple-choice test forms as the End-of-Course (EOC) testers.

EOC Algebra II tests

- During Summer 2007, students who will be completing coursework in *Algebra II* will be administered the EOC *Algebra II* test based on the revised blueprint measuring the *2001 Standards.* These test booklets are packaged separately with an *Assembly ID Sheet* and labeled as *2001 Standards (Revised)*.
- Students who have passed the coursework for the EOC *Algebra II,* but failed the test prior to Fall 2005 are eligible to retake the test for verified credit. However, the test forms that measure the *2001 Algebra II Standards* must be administered. These test booklets are packaged separately and are identified on the *Assembly ID Sheet* and labeled as *2001 Standards.*
- The same answer document is used for the administration of test forms for both *2001 Standards* and *2001 Revised Standards* for *Algebra II.*

Answer Document

- Significant revisions have been made to the demographic Sections (1 and 2) of the answer documents. Make certain that the only answer documents distributed to students indicate 2006-2007 (located top center), and they have the correct test name (top right corner) for the appropriate test administration (Appendix B).
- Most schools will use Pre-ID labels; therefore, the STC will provide the labels and directions for placement on the students' answer documents.
- In Section 1, Field A, student identifying information should be completed for all students. This information may be completed by the student or an adult.
- In Section 1, if answer documents are submitted WITH Pre-ID labels, information in Fields B through E should not be completed because it will NOT be read by the scanner. However, if the answer documents are submitted WITHOUT a Pre-ID label, Fields B through E *must* be completed.
  NOTE: Field E, State Testing Identifier, must be completed by an adult and as directed by the STC before answer documents are submitted for scoring.
- If applicable, Field H, Testing Status, and Field I, Special Test Accommodations, must be completed by an adult and as directed by the STC before answer documents are submitted for scoring.

Testing Materials

- Two sheets of blank Braille paper are provided in the Braille Test Booklet Kits for use by the student during the test administration. Use of these materials is optional and the student's responses must be transcribed onto a regular answer document.

Verification of Secure Testing Materials

- Examiners will receive the multiple-choice test booklets packaged with an *Assembly ID Sheet* (Appendix D). The *Assembly ID Sheet* is used by the Examiner to verify the number of test booklets inside each package before distributing secure materials to the students during the test administration.
- Before testing, Examiners must verify the name of the subject area test on the front cover of the test booklets (lower right corner) to ensure that students are administered the correct test. Also, verify that the subject area test name on the answer document is the same as on the test booklet.

Out-of-School Answer Documents

- Students testing in the summer may originate from schools outside your division. If applicable, answer documents for these students should be bundled with a separate Header Sheet and completed as instructed by your STC.

If you have questions after reviewing this manual, contact your School Test Coordinator (STC).

TABLE OF CONTENTS

NEW FOR SUMMER 2007 ..... **iii**
EXAMINER'S CHECKLIST ..... **vii**
1. USE OF THIS MANUAL FOR THE SUMMER 2007 ADMINISTRATION **9**
2. TEST ADMINISTRATION SCHEDULE **9**
3. SCHOOL DIVISION RESPONSIBILITIES FOR SOL TESTING **9**
4. SPECIFIC DUTIES OF EXAMINERS: BEFORE TESTING **10**
4.1 Read All Materials 10
4.2 Sign the *School Division Personnel Test Security Agreement (Including Examiners/Proctors)* 10
4.3 Inform Students of Testing 10
4.3.1 Identify Term Graduates 10
4.4 Establish the Test Setting 10
4.5 Determine the Need for Proctors and Arrange for Assistance 10
4.6 Become Familiar with Special Accommodations 11
4.6.1 Arrange for the provision of testing accommodations (if applicable) 11
4.7 Understand Your Division's Procedure for Completing the Student Identification Information on the Answer Documents 12
4.7.1 Using Pre-ID labels on the demographic page 12
4.8 Use of Rulers, Calculators, Compasses, and Formula Sheets 12
4.9 Assemble the Materials Needed for Testing 13
4.9.1 Arrange for additional materials required for testing accommodations 13
4.10 Plan for an Alternate Test Site 13
5. SPECIFIC DUTIES OF EXAMINERS: DURING TESTING **15**
5.1 Student Completion of Required Demographic Information 15
5.2 General Instructions for Administering the SOL EOC *Mathematics* Tests 17
5.2.1 Preparation for administering the test to students who require special accommodations 17
5.2.1.1 Accommodations involving assistance with directions and interpreting directions 17
5.2.1.2 Providing accommodations in test administration 18
5.2.2 Preparation for administering the test 19
5.3 Directions for Administering the SOL EOC *Mathematics* Tests 21
5.3.1 Specific directions for administering the *Algebra I* test 22
5.3.2 Specific directions for administering the *Geometry* test 24
5.3.3 Specific directions for administering the *Algebra II* test 26
5.4 Handling testing irregularities 30
5.5 Transcription of students' answers 31
6. SPECIFIC DUTIES OF EXAMINERS: AFTER TESTING **32**
6.1 Organizing Test Materials for Return to the STC 32
6.2 Inspecting Answer Documents for Students Who Took the Test 32
6.3 Completion of Demographic Codes 33
6.3.1 Field H—TESTING STATUS 33

TABLE OF CONTENTS
Continued

6.3.2 Field I—SPECIAL TEST ACCOMMODATIONS 34
6.4 Completing the *Header Sheet* 35
6.5 Preparing the Bundles of Answer Documents 36
6.6 Returning All Test Materials to Your STC After All Testing Is Completed 36
6.6.1 Signing the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit or the Classroom Transmittal Document for Special Test Forms Kits* 37
7. MAKE-UP TESTING 37

APPENDICES

APPENDIX A Test Security Guidelines 39
General Assembly Legislation 40
School Division Personnel Test Security Agreement (Including Examiners/Proctors) 42
APPENDIX B Sample Demographic Page of a Student Answer Document 43
APPENDIX C Special Test Accommodations Codes 45
APPENDIX D Sample Test Booklet Package *Assembly ID Sheet* 46
Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit 47
Classroom Transmittal Document For Special Test Forms Kits 49
APPENDIX E *Test Irregularity Form* 51
APPENDIX F Sample *Header Sheet* 52

LIST OF TABLES

Table 1. Testing Materials for EOC *Mathematics* Tests 20
Table 2. Coding "Testing Status" 33

EXAMINER'S CHECKLIST

	Activities Before Test Administration
❑	1. Carefully read this *Examiner's Manual* as well as any local directions you have been given. Resolve any questions you might have with your STC.
❑	2. Read the *Test Security Guidelines* and sign the *School Division Personnel Test Security Agreement (Including Examiners/Proctors)* (Section 4.2 and Appendix A).
❑	3. Make necessary announcements about testing to students (Section 4.3).
❑	4. Establish an appropriate setting for test administration (Section 4.4).
❑	5. Determine the need for Proctors (Section 4.5).
❑	6. Become familiar with special accommodations specified in students' IEPs, 504 management plans, or *LEP SOL Participation Plans* and coordinate with your STC how accommodations will be provided (Section 4.6).
❑	7. Understand your division's procedure for completing the student identification information on the answer documents (Section 4.7).
❑	8. Assemble all materials needed for test administration (Section 4.9).
❑	9. Ensure that appropriate manipulatives are available for all students (Section 4.8).
CAUTION: Before you begin testing, verify that you have the 2006–2007 answer documents for the EOC *Mathematics* test that you are administering: *Algebra I, Geometry*, or *Algebra II*. Using the wrong answer documents will result in inaccurate scores and delay delivery of test results.	
	Activities During Test Administration
❑	1. Verify that the demographic information for each student's answer document is correctly completed (Section 5.1).
❑	2. On each day that a test session is conducted, check out secure test materials and answer documents from your STC (Section 5.2.2).
❑	3. Administer the test in adherence to the directions for the SOL EOC *Algebra I, Geometry*, or *Algebra II Mathematics* Assessments (Section 5.3).
	Activities After Test Administration
❑	1. Inspect students' answer documents for completeness, test form number, damage, incomplete erasures, stray marks, etc., (Section 6.2).
❑	2. Complete Fields H and I of the answer document for all students for whom these fields are applicable. (Section 6.3).
❑	3. Complete the *Header Sheet* (Section 6.4).
❑	4. Prepare the bundles of answer documents (Section 6.5).
❑	5. Return **ALL** test materials to your STC (Section 6.6).
❑	6. Read and sign the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* or the *Classroom Transmittal Document for Special Test Forms Kits* if used by your STC (Section 6.6.1).

1. USE OF THIS MANUAL FOR THE SUMMER 2007 ADMINISTRATION OF STANDARDS OF LEARNING (SOL) EOC MATHEMATICS TESTS

This *Examiner's Manual* describes procedures that apply to the administration of the End-of-Course (EOC) *Mathematics* Standards of Learning (SOL) Assessments for Regular Test Forms and Special Test Forms (Braille, large-print, and audiotape versions). All Test Examiners should follow the information in this manual before, during, and after the administration of the EOC *Mathematics* SOL Assessments: *Algebra I*, *Geometry*, and *Algebra II*. This manual provides the following information:

- test administration schedule
- school division responsibilities for SOL testing
- your duties before, during, and after the testing session
- specific instructions for administration of each EOC *Mathematics* test

2. TEST ADMINISTRATION SCHEDULE

Each school division is to administer the SOL EOC *Mathematics* test within its own established "testing window." The Division Director of Testing (DDOT) will work with the School Test Coordinators (STCs) to establish dates and times for each school. The STC will advise you of your school's test dates and times.

Each school's test schedule must allow opportunities for make-up sessions to be held prior to the end of the division's testing window. Make sure that each student who is absent from the administration of a test is given ample opportunity to take the missed test on a make-up basis. The STC will provide you with more information about how your school will handle make-up testing. Also, see Section 7 in this manual.

3. SCHOOL DIVISION RESPONSIBILITIES FOR SOL TESTING

Many school division personnel are responsible for the administration of the SOL EOC *Mathematics* tests. These include:

- Division Director of Testing (DDOT)
- School Test Coordinator (STC)
- Test Examiner (Examiner)

A brief explanation of the roles and responsibilities of each of these persons follows.

Division Director of Testing

Each division has designated a Division Director of Testing (DDOT). The DDOT serves as the point of contact between the school division and the Virginia Department of Education and Pearson Educational Measurement. The DDOT has division-wide responsibility for implementation of SOL test procedures.

School Test Coordinator

The School Test Coordinator (STC) is the person designated within each school to serve as the point of contact between the DDOT and the school. The STC is also responsible for ensuring that all procedures required for the SOL tests are implemented within the school and for maintaining the security of test materials. Any questions the STC has regarding the SOL tests are to be directed to the DDOT.

Test Examiner

As a Test Examiner (Examiner), you are responsible for administering the SOL tests according to the procedures contained in this manual and for maintaining the security of SOL test materials. The remaining sections of this manual contain more specific information about your duties as an SOL Examiner. Any questions the Examiner has regarding the SOL tests are to be directed to the STC.

4. SPECIFIC DUTIES OF EXAMINERS: BEFORE TESTING

4.1 Read All Materials

Carefully read this *Examiner's Manual*, your students' Individualized Education Program (IEPs), 504 management plans, *Limited English Proficient (LEP) SOL Participation Plans* (if applicable), and any local directions you may have been given by your STC.

During Summer 2007, students who will be completing coursework in *Algebra II* will be administered the EOC *Algebra II* test based on the revised blueprint measuring the *2001 Standards.* These test booklets are packaged separately and are identified on the *Assembly ID Sheet, 2001 Standards (Rev)*. See Appendix D for a sample test booklet package *Assembly ID Sheet.* Students who have passed the coursework for *Algebra II,* but failed the test prior to Fall 2005 are eligible to retake the test for verified credit. However, the test forms that measure the 2001 *Algebra II Standards* must be administered. These test booklets are packaged separately and are identified on the *Assembly ID Sheet* and labeled as *2001 Standards.* The same answer document will be used for the administration of either test form.

Resolve any questions you might have with your STC well in advance of test administration.

4.2 Sign the *School Division Personnel Test Security Agreement (Including Examiners/Proctors)*

Before you may administer any of the Summer 2007 SOL *Non-Writing* tests, you must read the *Test Security Guidelines* and then read and sign the *School Division Personnel Test Security Agreement (Including Examiners/Proctors)* (Appendix A). **Note the Virginia General Assembly legislation regarding test security.** You may sign the original page or a photocopy of the test security agreement. When you sign this document, you are agreeing to exercise necessary precautions and to follow established procedures that will help ensure the security of the content of all test materials. **You must complete this agreement and forward it to your STC before receiving any test materials.**

4.3 Inform Students of Testing

Make any necessary announcements about testing. Announcements may include reminders for students to bring sharpened No. 2 pencils to the testing session and something to read if they finish early. Prepare students for testing by explaining that the results of this test will help determine their level of proficiency in *Algebra I, Geometry,* or *Algebra II.*

4.3.1 Identify Term Graduates

Term Graduates are students who are scheduled to graduate by August 31, 2007. For Summer 2007, Term Graduates will take the same multiple-choice test forms that are administered to other EOC testers.

4.4 Establish the Test Setting

In conjunction with your STC, arrange for appropriate physical conditions for testing. In arranging an appropriate test setting, be sure to consider any accommodations that are specified in students' IEPs, 504 management plans, or *LEP SOL Participation Plans*. Testing rooms should be quiet, well lighted, and well ventilated. Each student should have enough work surface for an open test booklet and answer document and any materials or supplies required for accommodations. Crowding should be minimized and the seating arranged to discourage students from copying one another's work.

Before testing, remove from the testing site or cover up all curricular materials that might influence student performance. These materials include charts, dry-erase board displays, chalkboard displays, and bulletin board displays of materials related to test content.

You may find it helpful to place a "TESTING: DO NOT DISTURB" sign on the door.

4.5 Determine the Need for Proctors and Arrange for Assistance

Testing students in large groups is **not** recommended. Testing in smaller groups lessens test fear and anxiety for the student and facilitates your ability to monitor and control the testing session. However, if it

is necessary to test a large group of students, discuss with your STC the addition of Proctors to the testing session.

It is best that you supervise the testing of no more than 25–30 students on your own. If your group is larger, try to arrange with your STC to have at least one Proctor with you at the testing site. It is recommended to have one Proctor present for every 25–30 **additional** students.

Regardless of the size of your group, if you are the only adult supervising the testing session, arrange with your STC to have another adult within calling distance so that an emergency, such as a student becoming ill, may be handled with minimum disruption.

4.6 Become Familiar with Special Accommodations

NOTE

You may skip Sections 4.6 and 4.6.1 if you are not testing students who require special accommodations.

Before testing, you should become familiar with special accommodations specified in students' IEPs, 504 management plans, or *LEP SOL Participation Plans* and coordinate with your STC how accommodations will be met. You should also be familiar with the procedures that must be followed when providing accommodations to students. These are described in detail in the *2006–2007 SOL Assessment Resource Manual, Procedure for the Participation of Students with Disabilities in Virginia's Accountability System:*

www.doe.virginia.gov/VDOE/Assessment/home.shtml

NOTE: Questions about whether accommodations not listed in this manual are permissible should be directed to the STC.

Before the test administration dates, resolve any questions you might have with your STC, IEP case manager, or 504 coordinator. It is important to check with the STC to make sure the necessary Braille, large-print, and audiotape versions of the test have been ordered to provide the required accommodations as stated in students' IEPs, 504 management plans, or *LEP SOL Participation Plans*. Also, verify with the STC that any materials and supplies required for accommodations will be available on testing dates.

4.6.1 Arrange for the provision of testing accommodations (if applicable)

Interpreters

For some accommodations, interpreters may be required during the testing session. Interpreters are required when students' IEPs or 504 management plans specify that the student needs to have test items or directions interpreted by signing or transliteration in order to participate. Interpreters must also sign the *School Division Personnel Test Security Agreement (Including Examiners/Proctors)*.

Proctors

Proctors should receive the same training as Examiners and must also sign the *School Division Personnel Test Security Agreement (Including Examiners/Proctors)* as noted in Section 4.2. The use of non-school personnel as Proctors should be approached with caution.

Test administrations that include the interpretation (e.g., signing, transliteration) of test items must be proctored.

Proctors also may transcribe or verify the transcription of student responses to the regular answer document after testing. Other adults in the school can also transcribe responses or verify responses without formal training as a Proctor. Transcriptions must be verified by a second adult. **The student's responses may not be altered in any way.**

Audiotaping

Some accommodations require that the test administration be audiotaped. These accommodations include:

- read-aloud administration
- Examiner/Proctor records students' answers for students who must dictate answers because they are unable to mark their responses on the regular answer document.

If you have students with such accommodations specified in their IEPs, 504 management plans, or *LEP SOL Participation Plans,* arrange for the test administration to be audiotaped.

4.7 Understand Your Division's Procedure for Completing the Student Identification Information on the Answer Documents

Identification information for each student must be included on the answer document either through a Pre-ID label or by coding the information on the answer document.

A sample of the new answer document with a Pre-ID label is in Appendix B. Refer to Sections 5.1 and 6.3, which contain details on how to complete the demographic information. If it is not clear how to complete the demographic information on the answer document, be sure to ask your STC for directions well in advance of the test administration dates.

4.7.1 Using Pre-ID labels on the demographic page

Your STC will provide you with Pre-ID labels for most of your students and instructions on how to use the labels.

Only use Pre-ID labels that have been generated for the Summer 2007 *Non-Writing* Administration. Pre-ID labels from previous administrations must not be used. The sample demographic page in Appendix B shows proper placement of the Pre-ID label.

4.8 Use of Rulers, Calculators, Compasses, and Formula Sheets

Students will use metric/standard rulers, compasses (for *Geometry* only), formula sheets, and graphing calculators for the SOL EOC *Mathematics* tests. Formula sheets are included in regular test booklets. Braille and large-print versions of the formula sheets are included in the Special Test Forms kits.

Students may **not** use four-function or scientific calculators on the EOC *Mathematics* tests. Only a state approved graphing calculator is allowed.

The following guidelines should be used when addressing calculator use on the SOL tests:

- Students should be familiar with the graphing calculator. Do not let testing time be the first time the student uses a graphing calculator.
- The graphing calculator's memory must be reset prior to test administration. Clear all memory contents not built into the calculator by its manufacturer.
- Either a school-owned or student-owned graphing calculator may be used on the test.

Your STC will provide you with instructions about how rulers and graphing calculators will be provided to students. These manipulatives should be made available to all students in your classroom except those taking Braille or large-print test forms. There are no items requiring rulers or calculators on the Braille or large-print tests.

NOTE

Acceptable graphing calculator model types are: CASIO 9750G Plus, CASIO 9860G Series, CASIO 9850G, CASIO 9850G Plus, TI-82, TI-83, TI-83 Plus, or TI-84 Plus. Two of these model types (CASIO 9850G Plus and TI-83) have been provided to school divisions for use in meeting the requirements of the SOL. Because many school divisions have been using the earlier model types, CASIO 9850G and TI-82, in instruction prior to receiving the state's shipment, their use is also allowed on the SOL EOC *Mathematics* tests. If students are using other models of graphing calculators, make sure that those calculators' functions do not exceed the specifications of the models listed above. Otherwise, students will have an unfair advantage over others who are using an approved calculator.

Items on the high school SOL tests are designed to be calculator-neutral or calculator-inactive. Calculator-neutral items are those that can be solved correctly without a graphing calculator, but the use of one may be helpful. Calculator-inactive items are those in which there is **no** advantage to using a calculator.

4.9 Assemble the Materials Needed for Testing

Make sure that graphing calculators, compasses (for *Geometry* only), metric/standard rulers, scratch paper, and an extra supply of soft-lead (No. 2) pencils with erasers are available for students to use during testing. For the *Geometry* test, a Safe-T® compass may be used. Students MUST use only No. 2 pencils when completing the answer document for the EOC *Algebra I, Geometry*, or *Algebra II* tests. Mechanical pencils may be used as long as they contain No. 2 lead. Plain paper (including patty paper), lined paper, and grid paper are acceptable as scratch paper. See Table 1, *Testing Materials for EOC Mathematics Tests*.

NOTE: Patty paper and tracing will continue to be allowed on all paper and pencil mathematics tests. However, be advised that any materials such as patty paper, dry-erase markers, or transparencies that are used to trace the images on the computer monitor are **not** permissible in the administration of online tests.

Have an extra supply of formula sheets available if a student inadvertently tears his/hers as it is removed from the test booklet. These formula sheets may be printed from the VDOE website at

www.doe.virginia.gov/VDOE/Assessment/Manipulatives/

4.9.1 Arrange for additional materials required for testing accommodations

Some accommodations require additional materials and supplies for test administration. It is important to review students' IEPs, 504 management plans, or *LEP SOL Participation Plans* to identify necessary materials or devices in advance of the test dates. Examiners conducting a read-aloud administration MUST ensure that the test booklets used have IDENTICAL form numbers **and** test name as identified on the front cover so that the Examiner and student(s) are viewing the same test items. If you have students who will be using audiotapes that accompany the Braille, large-print, or regular versions of a test, you will need tape recorders, preferably one for each student. Other students may require magnification aids or a Braillewriter, depending on what their IEPs, 504 management plans, or *LEP SOL Participation Plans* specify.

If you have students taking large-print test forms who require enlarged copies of the answer documents, note that these copies **are not** included with testing materials that are shipped from Pearson Educational Measurement. **Your school division must supply enlarged copies of the answer documents if they are required by students.**

4.10 Plan for an Alternate Test Site

IMPORTANT: SOL assessments are untimed. Students who do not finish by the end of the allotted test administration time should be given as much time as they need to complete the test. Students are **not** allowed, however, to complete the test after leaving, voluntarily or not, for any activity such as lunch or other breaks that would allow interaction with other students or access to any educational materials. Students **must** complete the test in one school day.

Before the first day of testing, determine whether the testing site must be used for non-testing activities at the end of the allocated time. If so, be prepared to move students who have not completed the test to an alternate testing site. Should this become necessary, be sure to maintain the security of the test booklets, answer documents, used scratch paper and formula sheets for those students yet to complete the test. Students should not be allowed to discuss the test in any way during this move.

5. SPECIFIC DUTIES OF EXAMINERS: DURING TESTING

This section includes directions for having students complete demographic information in Sections 1 and 2 of the answer document and specific directions for administering the SOL EOC *Mathematics* tests: *Algebra I, Geometry*, and *Algebra II*.

- Directions for completing the student demographic sections are in Section 5.1.
- Directions for administering each SOL EOC *Mathematics* test are in Section 5.3.

Some of these sections include instructions that are to be read verbatim to students. These instructions are preceded by the word **"SAY"** and are in **bold type**. These directions must be read to the students slowly, clearly, and **exactly as written**. Other text is for your information and should not be read to students. It is essential that you become familiar with these instructions **before** test administration and that you follow them exactly as they appear.

5.1 Student Completion of Required Demographic Information

Be sure that all desks or tables are cleared of books and other materials not needed for the test. See that each student has two sharpened soft-lead (No. 2) pencils with erasers. It may be helpful to display samples of identification information on the dry-erase board or chalkboard.

NOTE

Your STC will provide a Pre-ID label for most students' answer documents, therefore, only Field A should be completed.

If students' answer documents are submitted WITHOUT a Pre-ID label, Fields A through E MUST be completed. A designated adult must complete Field E, State Testing Identifier, before the answer documents are submitted for scoring.

IF PRE-ID LABELS ARE USED, do not fill in any of the Fields B through E or Fields H and I.

The following directions will guide students in completing demographic information on their answer documents.

Before distributing the answer documents,

SAY **I will give each of you an answer document. When you receive it, leave it on your desk. Do not write anything on it until I tell you what to do.**

Distribute the answer documents with the Section 1 side facing up.

SAY **We will complete some of the information on this page. In Field A, find the line labeled "Student Name." Carefully print your last name, then your first name, and then your middle initial.**

Give help as needed.

SAY **Now, on the other lines, fill in the rest of the information requested—teacher, school, school division, gender, grade, and your date of birth. The test date will be completed later. Does anyone have a question?**

NOTE: You may expand on this instruction to clarify the information students are to complete in Field A of the answer document.

Answer students' questions. Refer them to the dry-erase board or chalkboard if you have written identification information there. While students are completing the information, walk around the room to see that they are following instructions. Give help as needed.

When all students have completed Field A, IF PRE-ID LABELS WERE NOT USED,

SAY **Do not fill in any boxes except the ones I tell you to fill in. Some of the boxes may be left blank.**

For those of you that have an answer document WITHOUT a Pre-ID label (point), **you will need to complete Fields B through D.**

In Field B, find the box that contains areas labeled "Last Name," and "First Name." In the area labeled "Last Name," print your last name in the boxes at the top of each column. Begin in the left-hand column, and write only one letter in each box.

Give help as needed. When all students have finished,

SAY **Now, in the area labeled "First Name," print your first name in the boxes at the top of each column. Begin in the left-hand column, and write only one letter in each box.**

Give help as needed. When all students have finished,

SAY **Now, fill in the matching circle beneath each letter in your name. Be sure you fill in only one circle for each letter. Does anyone have a question?**

Give help as needed. After students have finished,

SAY **Now find Field C, which is labeled "Date of Birth." In the area labeled "Month," find the circle for the month of your birthday and fill it in.**

After students have finished,

SAY **The next area is labeled "Day." In the boxes, write the date on which you were born, entering one number in each box. For example, if your birthday is between the 1st and the 9th of the month, you would write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the same number that you wrote in the box.**

After students have finished,

SAY **The next area is labeled "Year." Fill in the circle next to "19." In the next boxes, write the last two digits of the year in which you were born. Then fill in the circles for these two digits.**

Give help as needed.

SAY **Now find Field D, which is labeled "Gender." Fill in the circle next to "Female" if you are a female or the circle next to "Male" if you are a male.**

Give help as needed.

SAY **Now look at the back of your answer document.** (Demonstrate.) **Find the top two boxes labeled "Last Name" and "First Name."** (Point.) **Print your last name in the first box. Print your first name in the second box.**

Give help as needed. After students have finished,

SAY **Field F, Form, and Field G, Test Date, will be completed during the actual testing session. Do not fill in the fields that are labeled with the letters H or I. Do you have any questions?**

Answer students' questions.

Pre-administration coding of the demographic information is now complete.

Field H, Testing Status, and Field I, Special Test Accommodations, will be completed after administration by you or another designated adult.

After students have completed the identifying information on their answer documents, administration of the SOL EOC *Mathematics* tests can begin.

Specific directions for administering each of the subject area tests are in the sections listed in the chart that follows.

SUBJECT	SECTION
Algebra I	5.3.1
Geometry	5.3.2
Algebra II	5.3.3

5.2 General Instructions for Administering the SOL EOC *Mathematics* Tests

5.2.1 Preparation for administering the test to students who require special accommodations

NOTE

You may skip Sections 5.2.1.1 and 5.2.1.2 if you are not testing students who require special accommodations.

5.2.1.1 Accommodations involving assistance with directions and interpreting directions

You may make modifications as needed to the specific directions for administering a test to ensure that students taking the Braille, large-print, and/or audiotape versions of the test understand the testing procedures. For example, you should tell students they do not need to read or pay attention to the copyright notice that appears in the Braille version and that is read at the beginning of audiotapes.

Assistance with directions may be provided as an accommodation if specified in the student's IEP, 504 management plan, or *LEP SOL Participation Plan*. Assistance with directions may include reading directions to students, simplifying directions, clarifying directions, or writing directions. You may simplify directions by restating the directions using more familiar or clearly understood terminology. You also may clarify directions by answering questions from the students about the test directions. An accommodation may require that the Examiner provide a copy of the directions for the student to reference during testing. Directions may be copied from either the student's test booklet or this manual. The directions may be written on a dry-erase board or chalkboard, displayed on an overhead projector, or copied onto individual sheets of paper. Again, special care must be taken when assisting with directions so as not to lead the students to correct responses.

Assistance with directions may include interpreting the test directions through signing or transliteration. Hearing-impaired students who normally communicate in an alternative or manual method may be provided an educational interpreter to interpret test directions or to answer questions concerning test instructions or procedures. As an Examiner, you must be present for the testing session and read aloud the test directions as presented in this manual so that they can be communicated in an alternative or manual method by the

educational interpreter. The student must direct any questions to you, as the Examiner, and your response must be communicated by the educational interpreter. The interpreter should also communicate sample questions that are read aloud as part of the test directions.

5.2.1.2 Providing accommodations in test administration

Read-aloud administration

> **NOTE**
>
> Examiners conducting a read-aloud administration MUST ensure that the test booklets with IDENTICAL form numbers **and** test names on the front cover are used, so that the Examiner and student(s) are viewing the same test items.

Students with disabilities, including LEP students who have an accommodation of having the test read to them, will use the same form as the other students in their classroom.

A read-aloud administration must be recorded or proctored. The taped record of the entire testing session shall be retained on file and secure in the office of the DDOT until scores are received and verified. If proctored, you, as the Test Examiner, and Proctor must verify in writing that the test administration was conducted according to the standardized procedures. This written verification must be retained on file and secure in the office of the DDOT until scores are received and verified.

Special attention must be given to the IEP, 504 management plan or *LEP SOL Participation Plan* for specific accommodations regarding reading the test aloud. For example, a student's accommodation may require the entire test to be read orally or may also require having words, questions, or sentences read orally only when requested by the student. In particular, care must be taken to describe graphics without leading the student to the correct response. The audiotape provides a taped version of the test instructions and test items. A large-print, Braille, or regular version of the test should be used in conjunction with reading the test aloud in order to provide the student multi-sensory stimulation. Test items must be read in English.

You must be very careful when reading the test aloud so that you do not lead the student to correct responses by intonation or by repeating any part of the test that is not specifically requested by the student. **Prior to reading a test item aloud, take a moment to review the item so that the answer is not inadvertently given to the student. Depending on the content of the test item, you may need to read aloud "Broad Rd." as "Broad R-d period." Similarly, you may need to read the number 3,254 as "three comma two five four."**

For more detailed information, refer to the *Virginia Standards of Learning Assessments Guidelines for Administering the Read-Aloud Accommodation* at

www.doe.virginia.gov/VDOE/Assessment/Assess.PDF/readaloudguidelines.pdf

Interpreting (e.g., signing, transliteration) test items

The interpreter must be very careful when interpreting the test items so as not to lead the student to a correct answer by facial expression or by repeating any part of the test that is not specifically requested by the student.

An interpreted (e.g., signing, transliteration) administration must be proctored by appropriate school personnel. You, as the Test Examiner, and the Proctor must verify in writing that the test administration was conducted according to the standardized procedures. This written verification shall be retained on file in the office of the DDOT until scores are received and verified.

Using audiotapes that accompany Braille, large-print, or regular-print versions

NOTE: Only use the audiotape accompanying the Braille or large-print test forms if the student has use of audiotape as an accommodation on his/her current IEP or 504 management plan.

Before test administration, check tape recorders to be sure they will work correctly during test administration. Check the labels of the audiotapes you are given to see that the subject area test names, and test form numbers match the Braille, large-print, or regular-print test booklets. Contact your STC if you have not received audiotapes that are required for testing or if you have received audiotapes that do not correspond to test booklets.

In each set of specific directions for administering a subject area test, listen for an indication of a **NOTE** box that will advise exactly when to begin playing an audiotape. On the audiotape, the narrator reads the directions and the sample questions but does not refer to the answer document or how to enter answers. You may modify your instructions to the student as necessary. **Students may pause or stop a tape as necessary during the test to follow its contents and keep up with the narration.** So that students may stop the tape as they need to, it is best to have an individual tape and tape recorder for each student using an audiotape version.

***Plain English Mathematics* administration (*Algebra I* only)**

The *Algebra I Plain English Mathematics* test covers the same content as the regular *Algebra I* test but items have been modified to address issues related to non-native English speakers who may have been in the United States only a short time. These modifications include simplification of reading load, syntax, and vocabulary. Students who are administered the *Algebra I Plain English Mathematics* test will complete their answers on the same answer document used for the regular *Algebra I* test. The form number for the *Algebra I Plain English Mathematics* test will be entered in Field F, Form.

5.2.2 Preparation for administering the test

On the morning of testing, you will receive all materials needed to administer the SOL EOC *Algebra I, Geometry*, or *Algebra II* test. Your STC will provide you with test booklets and answer documents.

Your STC will ask you to initial an *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* or a *Classroom Transmittal Document for Special Test Forms Kits* (Appendix D) verifying your receipt of the test materials. The purpose of these forms is to track the secure materials throughout the test administration period. Be sure to count the number of test booklets, *Special Test Forms Kits*, and/or individual audiotapes you receive from the STC before you initial the form(s).

Make sure you have all the materials needed for the appropriate SOL EOC *Mathematics* test: *Algebra I, Geometry*, or *Algebra II*, as detailed in Table 1. Depending on the type of forms you are administering (Regular or Special Test Forms including *Algebra I Plain English Mathematics* test only, or all three), your STC will provide you with the appropriate testing materials.

Table 1. Testing Materials for EOC *Mathematics* Tests

MATERIALS YOU WILL NEED	• a copy of this manual • a supply of test booklets • the students' answer documents • a supply of scratch paper (more than one piece per student) • a supply of sharpened soft-lead (No. 2) pencils with erasers • an extra supply of formula sheets if needed
MATERIALS REQUIRED FOR EACH STUDENT TESTING WITH REGULAR TEST FORMS	• a test booklet • the student's answer document • a metric/standard ruler • a graphing calculator • a compass (for *Geometry* only) • an *Algebra I, Geometry,* or *Algebra II* formula sheet (included in each test booklet) • scratch paper • two sharpened soft-lead (No. 2) pencils with erasers
MATERIALS REQUIRED FOR EACH STUDENT TESTING WITH SPECIAL TEST FORMS	• the student's answer document • two sharpened soft-lead (No. 2) pencils with erasers • scratch paper • a graphing calculator (per IEP or 504 management plan) • a metric/standard ruler (per IEP or 504 management plan) • an *Algebra I, Geometry*, or *Algebra II* formula sheet (included in the Braille and Large-Print Kits) • a compass (for *Geometry* only) (per IEP or 504 management plan) **BRAILLE** • Braille test booklets (and accompanying audiotapes as needed to provide specified accommodations) • two sheets of Braille paper (for use by the student if needed) • an Examiner's copy of the Braille test in regular-print will be provided for your use during administration; or **LARGE-PRINT** • large-print test booklets (and accompanying audiotapes as needed to provide specified accommodations) • an Examiner's copy of the test in large-print will be provided for your use during administration; or **REGULAR AUDIO** • regular test booklet • accompanying audiotape

Just before you distribute test booklets to students for the **first** time, open each package and count the number of test booklets in each package. Each package's *Assembly ID Sheet* will show:

- for *Regular Test Forms* at the top of the sheet, a barcode with a unique number, level, name of subject area test, year of standard (for *Algebra II* only – "01" or "01 rev"), form number and quantity of test booklets contained in the package;
- for *Special Test Forms Kits*, at the top of the sheet, a barcode with a unique number, level, name of subject area test and type of test (main or alternate);
- at the bottom of the sheet, package assembly information for tracking secure materials electronically by Pearson Educational Measurement.

Indicate the number of test booklets contained in each package by checking off the applicable statement. Then sign and date the *Assembly ID Sheet*. A sample of the *Assembly ID Sheet* is in Appendix D.

To avoid interruptions during testing, make sure that all students have had an opportunity to visit the restroom and to get a drink of water before you begin the testing session. Students must not be denied the opportunity to visit the restroom during testing. However, such visits must be supervised and students provided no opportunity to interact with other students or access any educational materials.

Make sure that all desks are clear of books and other materials not needed for the test. See that each student has two sharpened soft-lead (No. 2) pencils with erasers.

Remember that the SOL tests are untimed and that students who have not finished by the end of the allotted time should be given as much time as they need to complete the test. Be prepared for the possibility of moving these students to an alternate testing site. Should this become necessary, be sure to maintain the security of the test booklets and answer documents for those students yet to complete the test. Students should not be allowed to discuss the test in any way during the move.

5.3 Directions for Administering the SOL EOC *Mathematics* Tests

NOTE

Test booklet page numbers in this manual refer to Regular Test Forms only. If you are administering Special Test Forms, determine the correct test booklet page references before you begin the testing session. Also, the written directions for Special Test Forms may not make any references to completing answer documents. You may modify both of these instructions accordingly.

All directions that you are to read aloud to students are in **bold type** so that they stand out from the rest of the text. Read them **exactly as they are written,** using a natural tone and manner. Other text is for your information and should not be read to students. It is essential that you become familiar with these instructions **before** test administration and that you follow them exactly as they appear.

If you make a mistake in reading a direction, stop and say, **"No, that is wrong. I must read it to you again. Listen again."** Then read the direction again.

Test questions may not be read to students unless specified in their IEPs or 504 management plans. **If in doubt, it is better to say that you cannot respond to the student's question rather than risk violating standard procedures.**

Try to maintain a natural classroom atmosphere during the test administration. Encourage students to do their best. Check periodically to make sure that students are recording their answers correctly in the answer document, following instructions, and working until the end of the test or as far as they can.

Remind students to handle their answer documents with care, record their answers with heavy, dark pencil marks, and avoid making extra marks. Also, answer documents should never be folded, clipped, stapled, or torn.

If students have **just completed** Fields A–D of their demographic information in **Section 5.1** and still have answer documents in their possession, proceed to Section 5.3.1, 5.3.2 or 5.3.3 to begin the specific directions for administering the appropriate EOC *Mathematics* test.

OR

If students completed Fields A–D of their demographic information in **Section 5.1** on a **previous day or in an earlier sitting** on this day,

SAY **I am going to give your answer document to you. Make sure that your name is on the front and back sides.** (Demonstrate.) **Keep your answer document turned over so the front side that we have already completed is facing up.** (Demonstrate.) **Be very careful with your answer document.**

Distribute answer documents. Make sure each student receives the correct one.

Proceed to Section 5.3.1, 5.3.2 or 5.3.3 to begin the specific directions for administering the appropriate EOC *Mathematics* test.

5.3.1 Specific directions for administering the *Algebra I* test

Administration of the test may now begin.

Important: Verify that the memory of each student's calculator has been cleared.

NOTE

The *Plain English Algebra I* test is available for LEP students who are classified as level 1 or level 2 of English language proficiency, and all LEP students regardless of their English language proficiency level during their first year of enrollment in a U.S. school. Students with disabilities may also qualify for this test based on their IEPs or 504 management plans. The *Plain English Algebra I* test is available in Braille, large-print, and audiotape versions.

The *Plain English Algebra I* test covers the same content as the regular *Algebra I* test but items have been modified to address issues related to non-native English speakers who may have been in the United States only a short time and thereby encounter language barriers. The form number for the *Plain English Algebra I* test will be entered in Field F, Form.

SAY **Today you will be taking the SOL *Algebra I* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I am going to give each of you a test booklet, a ruler, a graphing calculator, and a sheet of scratch paper. Do not open your test booklet until I tell you to do so**.

Distribute test booklets, rulers, calculators, and scratch paper. Ensure that students also have any materials or supplies required for accommodations.

SAY **Check to make sure your calculator is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. Are there any questions?**

Answer all questions.

To assist in the identification of the test form, the complete form number indicates the test level (EOC), subject test code (3-digit numbers), followed by a dash (-), an "M" and four numbers. However, only the last four numbers must be entered on the answer document.

SAY **Look at the front cover of your test booklet for the form number of the test you are taking. Find the "M" followed by four numbers.** (Point.) **Now look at the back side of your answer document. Find Field F, Form. The letter "M" has been written for you. In the empty boxes, write the numbers that appear on the front cover of your test booklet. Beneath each box in which you wrote a number, fill in the circle that has the same number. When you have finished, recheck the form number and the circles you filled in. Are there any questions?**

Answer any questions the students may have.

As an Examiner, you may need to complete this field for students with disabilities. On a large-print test booklet, the form number is on the top right corner of the test booklet's front cover. The form number for a Braille test booklet is on its front cover, at the bottom center. Correct completion of the form number is essential for accurate scoring.

SAY **Find Field G, Test Date.** (Point.) **In the area labeled "Month," find the circle for the month of this test date and fill it in.** (Examiners should specify the month.)

After students have finished,

SAY **The next area is labeled "Day." In the two boxes, write the test date, entering one number in each box.** (Examiners should specify the test date.) **For example, if the test date is between the 1st and the 9th of the month, you would write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the same number that you wrote in the box.**

After students have finished,

SAY **The next area is labeled "Year." In the last two boxes, write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the "0" and the correct number.**

Give help as needed.

SAY **Finally, in Section 1, Field A,** (point) **in the box labeled "Test Date," write the same date you entered in Field G.** (Examiners should specify the month, day and year.) **Does anyone have a**

question?

Answer all questions. Give help as needed.

SAY **On the front cover of your test booklet, find the box labeled "Student Name."** (Point.) **Print your first and last name in the box. Then turn your test booklet over. Print your first and last name in the box.**

Ensure that all students have printed their names clearly in the boxes on the front and back covers of the test booklets.

SAY **Open your test booklet and carefully tear out the formula sheet.** (Demonstrate.)

Make sure all students have located the formula page.

SAY **Open your test booklet to page 5.** (Demonstrate.)

Make sure all students have their test booklet open to the correct page.

SAY **Turn your answer document over to the back side and look at the bottom section of your answer document.** (Demonstrate.) **Now find the shaded box labeled "Sample" on your answer document.** (Point to this section.)

Make sure all students have found the correct section of the answer document.

SAY **Look at the directions at the top of page 5 of your test booklet. Read them to yourself as I read them aloud.** ***"Directions: Read and solve each question. Then mark the space on your answer document for the best answer. For this test you may assume that the value of the denominator is not zero."*** **Now look at the sample.**

Point to the sample question.

SAY **Read the sample to yourself and choose the best answer.** (Pause.) **Which answer did you choose?**

Pause for replies.

SAY **The best answer is "C." Select the letter "C" in the sample box because "C" is the letter for the best answer.**

Point to this section.

SAY **Are there any questions about how to mark this answer on your answer document?**

Answer all questions related to the mechanics of completing the answer document.

Now proceed with the instructions following the row of asterisks at the end of Section 5.3.3.

5.3.2 Specific directions for administering the *Geometry* test

Important: Verify that the memory of each student's calculator has been cleared.

SAY **Today you will be taking the SOL *Geometry* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I am going to give each of you a test booklet, a ruler, a graphing calculator, a compass, and a sheet of scratch paper. Do not open your test booklet until I tell you to do so.**

Distribute test booklets, rulers, calculators, compasses, and scratch paper. Ensure that students also have any materials or supplies required for accommodations.

SAY **Check to make sure your calculator is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. Are there any questions?**

Answer all questions.

To assist in the identification of the test form, the complete form number indicates the test level (EOC), subject test code (3-digit numbers), followed by a dash (-), an "M" and four numbers. However, only the last four numbers must be entered on the answer document.

SAY **Look at the front cover of your test booklet for the form number of the test you are taking. Find the "M" followed by four numbers.** (Point.) **Now look at the back side of your answer document. Find Field F, Form. The letter "M" has been written for you. In the empty boxes, write the numbers that appear on the front cover of your test booklet. Beneath each box in which you wrote a number, fill in the circle that has the same number. When you have finished, recheck the form number and the circles you filled in. Are there any questions?**

Answer any questions the students may have.

As an Examiner, you may need to complete this field for students with disabilities. On a large-print test booklet, the form number is on the top right corner of the test booklet's front cover. The form number for a Braille test booklet is on its front cover, at the bottom center. Correct completion of the form number is essential for accurate scoring.

SAY **Find Field G, Test Date.** (Point.) **In the area labeled "Month," find the circle for the month of this test date and fill it in.** (Examiners should specify the month.)

After students have finished,

SAY **The next area is labeled "Day." In the two boxes, write the test date, entering one number in each box.** (Examiners should specify the test date.) **For example, if the test date is between the 1st and the 9th of the month, you would write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the same number that you wrote in the box.**

After students have finished,

SAY **The next area is labeled "Year." In the last two boxes, write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the "0" and the correct number.**

Give help as needed.

SAY **Finally, in Section 1, Field A,** (point) **in the box labeled "Test Date," write the same date you entered in Field G.** (Examiners should specify the month, day and year.) **Does anyone have a question?**

Answer all questions. Give help as needed.

SAY **On the front cover of your test booklet, find the box labeled "Student Name."** (Point.) **Print your first and last name in the box. Then turn your test booklet over. Print your first and last name in the box.**

Ensure that all students have printed their names clearly in the boxes on the front and back covers of the test booklet.

SAY **Open your test booklet and carefully tear out the formula sheet.** (Demonstrate.)

Make sure all students have located the formula page.

SAY **Open your test booklet to page 5.** (Demonstrate.)

Make sure all students have their test booklet open to the correct page.

SAY **Turn your answer document over to the back side and look at the bottom section of your answer document.** (Demonstrate.) **Now find the shaded box labeled "Sample" on your answer document.** (Point to this section.)

Make sure all students have found the correct section of the answer document.

SAY **Look at the directions at the top of page 5 of the test booklet. Read them to yourself as I read them aloud. *"Directions: Read each question carefully and choose the best answer. Then mark the space on your answer document for the answer you have chosen."* Now look at the sample.**

Point to the sample question. Make sure all students have found the correct section of the answer document.

SAY **Read the sample to yourself and choose the best answer.** (Pause.) **Which answer did you choose?**

Pause for replies.

SAY **The best answer is "A." Select the letter "A" in the sample box because "A" is the letter for the best answer.**

Point to this section.

SAY **Are there any questions about how to mark this answer on your answer document?**

Answer all questions related to the mechanics of completing the answer document.

Now proceed with the instructions following the row of asterisks at the end of Section 5.3.3.

5.3.3 Specific directions for administering the *Algebra II* test

Important: Verify that the memory of each student's calculator has been cleared.

SAY **Today you will be taking the SOL *Algebra II* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I am going to give each of you a test booklet, a ruler, a graphing calculator, and a sheet of scratch paper. Do not open your test booklet until I tell you to do so.**

Distribute test booklets, rulers, calculators, and scratch paper. Ensure that students also have materials or supplies required for accommodations.

SAY **Check to make sure your calculator is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. Are there any questions?**

Answer all questions.

To assist in the identification of the test form, the complete form number indicates the test level (EOC), subject test code (3-digit numbers), followed by a dash (-), an "M" and four numbers. However, only the last four numbers must be entered on the answer document.

SAY **Look at the front cover of your test booklet for the form number of the test you are taking. Find the "M" followed by four numbers.** (Point.) **Now look at the back side of your answer document. Find Field F, Form. The letter "M" has been written for you. In the empty boxes, write the numbers that appear on the front cover of your test booklet. Beneath each box in which you wrote a number, fill in the circle that has the same number. When you have finished, recheck the form number and the circles you filled in. Are there any questions?**

Answer any questions the students may have.

As an Examiner, you may need to complete this field for students with disabilities. On a large-print test booklet, the form number is on the top right corner of the test booklet's front cover. The form number for a Braille test booklet is on its front cover, at the bottom center. Correct completion of the form number is essential for accurate scoring.

SAY **Find Field G, Test Date.** (Point.) **In the area labeled "Month," find the circle for the month of this test date and fill it in.** (Examiners should specify the month.)

After students have finished,

SAY **The next area is labeled "Day." In the two boxes, write the test date, entering one number in each box.** (Examiners should specify the test date.) **For example, if the test date is between the 1st and the 9th of the month, you would write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the same number that you wrote in the box.**

After students have finished,

SAY **The next area is labeled "Year." In the last two boxes, write "0" in the first box and the correct number in the second box. Does anyone have a question?**

Answer all questions. When everyone has finished,

SAY **Now beneath each box, fill in the circle that has the "0" and the correct number.**

Give help as needed.

SAY **Finally, in Section 1, Field A,** (point) **in the box labeled "Test Date," write the same date you entered in Field G.** (Examiners should specify the month, day and year.) **Does anyone have a**

question?

Answer all questions. Give help as needed.

SAY **On the front cover of your test booklet, find the box labeled "Student Name."** (Point.) **Print your first and last name in the box. Then turn your test booklet over. Print your first and last name in the box.**

Ensure that all students have printed their names clearly in the boxes on the front and back covers of the test booklet.

SAY **Open your test booklet and carefully tear out the formula sheet.** (Demonstrate.)

Make sure all students have located the formula page.

SAY **Open your test booklet to page 5.** (Demonstrate.)

Make sure all students have their test booklet open to the correct page.

SAY **Turn your answer document over to the back side and look at the bottom section of your answer document.** (Demonstrate.) **Now find the shaded box labeled "Sample" on your answer document.** (Point to this section.)

Make sure all students have found the correct section of the answer document.

SAY **Look at the directions at the top of page 5 of your test booklet. Read them to yourself as I read them aloud.** ***"Directions: Read and solve each question. Then mark the space on your answer document for the best answer. For this test you may assume that the value of the denominator of a rational expression is not zero."***

SAY **Now look at the sample.**

Point to the sample question.

SAY **Read the sample to yourself and choose the best answer.** (Pause.) **Which answer did you choose?**

Pause for replies.

SAY **The best answer is "C." Select the letter "C" in the sample box because "C" is the letter for the best answer.**

Point to this section.

SAY **Are there any questions about how to mark this answer on your answer document?**

Answer all questions related to the mechanics of completing the answer document.

Now proceed with the instructions following the row of asterisks.

* * * * * * * * *

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of completing the answer document.

Please note that your comments must be confined to answering student questions about the mechanics of completing the answer document.

SAY **You should answer all of the questions in this booklet. You may have as much time as you need to complete this test. Work until you come to the stop sign.** (Demonstrate.) **For some questions you may need to use the ruler or the formula sheet. You may use a calculator at any time. Remember, read and solve each problem. Choose the best answer for each question. When you have finished, you may check your work on the test.**

You may write in your test booklet or on your scratch paper, but make sure to fill in answers on your answer document. Fill in only one answer for each question. Notice that odd-numbered questions have answer choices labeled "A," "B," "C," and "D." The answer choices for even-numbered questions are labeled "F," "G," "H," and "J." If you decide to change your answer to a question, make sure to erase the first answer completely. Does everyone understand what to do?

After all questions have been answered,

SAY **You may start working now.**

NOTE

If you are administering an audiotape that accompanies a Braille, large-print, or regular test, you or the students may now begin playing the tape. Note that the narrator will read the directions and the sample test item. If you have already covered that information, you may choose to advance the tape to the narration of the first test item. **You or the students may pause or stop a tape as necessary during the test to better follow its contents.**

If a student asks a question during the test, be very careful when answering. If the student's question refers to the mechanics of testing, such as how to fill in a circle, it can be answered. If the question refers to a particular test item, the student should be told, **"Read it carefully and choose the best answer."** Help must not be given on specific test items and no clues should be given about the correctness of a student's answer to a particular test item.

During test administration, monitor the testing process by moving as unobtrusively as possible about the room. While you are moving about the room, check that students are using **only** an approved calculator (see **NOTE** box in Section 4.8) and are working on the correct page. Make sure that students are turning pages when necessary and entering their answers properly. If coding errors are observed that relate to the student matching the test booklet to the answer document, the **class** should be told, **"Please take a moment to check your work. The test question in your test booklet should match the circle number on your answer document."**

Have an extra supply of formula sheets available if a student inadvertently tears his/hers as it is removed from the *Mathematics* test booklet. The *Algebra I*, *Geometry*, and *Algebra II* formula sheets may be printed from the VDOE web site at

www.doe.virginia.gov/VDOE/Assessment/Manipulatives/

Have extra pencils, erasers, and scratch paper available in an accessible place. Students are **not** to have access to dictionaries.

Examiners should focus their attention on monitoring the testing process during test administration and should not spend time reviewing test items. (Refer to *Test Security Guidelines* in Appendix A.)

After about 75 minutes, or when most students have finished,

SAY If you have finished, raise your hand. I will collect your materials. If you have not finished, continue working and take as much time as you need. When you do finish, raise your hand. After I have collected your materials, you may sit quietly or read if you wish.

Collect the answer documents of those students who have completed the test, then collect their test booklets and then collect their scratch paper and used formula sheets. These items should be collected from each individual student, not passed up or down the rows of desks or seats.

Remember that the SOL tests are untimed. Allow those students who have not finished to continue working. Be prepared for the possibility of moving these students to an alternate test site. Should this become necessary, be sure to maintain the security of the test booklets and answer documents for those students yet to complete the test. Students should not be allowed to discuss the test in any way during this move.

Examiners must collect all materials used in testing. Be sure to account for all test materials, including test booklets, answer documents, rulers, calculators, compasses, formula sheets, and scratch paper, **before** students are moved to an alternate test site or dismissed from the test session. Test materials must be kept in a secure location.

Important: After all students have completed the test, announce to them that they should not discuss the test because other students may still need to complete it. Examiners or Proctors may not discuss any of the test questions with anyone. **(Refer to *Test Security Guidelines* in Appendix A.)**

SAY Remember, after taking the test, you should not discuss the test with anyone, including your classmates and teachers.

5.4 Handling testing irregularities

Be aware of any situation in which a testing irregularity could occur, which includes, but is not limited to:

- A student becomes ill during testing.
- A student is observed cheating during the testing session.
- A teacher or another adult provides improper assistance to a student.
- Testing accommodations specified in a student's IEP, 504 management plan, or *LEP SOL Participation Plan* are not provided.
- The student is provided an accommodation that is not specified in the student's IEP, 504 management plan, or *LEP SOL Participation Plan*.
- An excessive disturbance or disruption occurs during the testing session.
- A student's test booklet or used answer document is missing.
- Any unused/unassigned test booklet is missing.

A testing irregularity is any occurrence that may inappropriately influence a student's performance. Any testing irregularities observed should be reported **immediately** to your STC. Your STC will discuss with you procedures for handling testing irregularities. All testing irregularities must be recorded as directed by your STC. The *Test Irregularity Form* in Appendix E of this manual may be used to document the incident.

IMPORTANT: Your STC will have to provide the following additional documentation if the irregularity involves lost test materials. Attach to the *Test Irregularity Form*:

1. a copy of the test booklet package *Assembly ID Sheet* for tracking the materials;
2. a copy of the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* or the *Classroom Transmittal Document for Special Test Forms Kits* for tracking the materials or other such transmittals;
3. a description of the circumstances surrounding the loss of materials; and
4. an explanation of the steps taken to locate the materials.

If you question whether an incident in your classroom is a testing irregularity, discuss it with your STC.

5.5 Transcription of students' answers

You must obtain prior approval from your STC to conduct a transcription of student(s) answers. **NOTE:** The accommodation for transcribing students' test responses onto an answer document is **only** available for students as stated in their IEPs, 504 management plans, or *LEP SOL Participation Plans*.

A student's responses to the multiple-choice test must be transcribed to a regular answer document by a school official if the student's answers were:

- recorded on Braille paper or an enlarged copy of the answer document;
- dictated to an Examiner/Proctor and audiotaped; or
- marked directly in the test booklet.

The transcription must be verified by a second school official to ensure that no errors occurred. **NOTE: The students' responses must not be altered in any way.** The student's Braille response or an enlarged copy of the answer document, an audiotape of student responses, and/or the marked test booklet shall be retained on file and secure in the office of the DDOT until scores are received and verified.

Transcription of students' answers to the regular SOL answer documents must be completed **as soon as possible** after the test has been administered. Remember that an answer document is considered to be secure once a student's answers have been recorded on it. Therefore, the answer documents must be kept in locked storage when not in use during an actual testing session.

6. SPECIFIC DUTIES OF EXAMINERS: AFTER TESTING

6.1 Organizing Test Materials for Return to the STC

Test booklets, audiotapes, answer documents, used scratch paper and formula sheets must be returned to the STC as soon as possible after the end of the testing session, **but no later than the end of the same school day on which the test was administered**. If it is impossible for you to return test materials immediately at the end of the testing session, secure them in a location that is inaccessible to students and advise your STC of the situation.

Remember that arrangements must be made to return test materials to the STC before the end of the day so that they can be counted and locked in a secure location overnight. When you return the materials to your STC, have her/him initial the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* or the *Classroom Transmittal Document for Special Test Forms Kits* or other such transmittals to verify that you have returned all materials to your STC.

6.2 Inspecting Answer Documents for Students Who Took the Test

At the end of the test session, you must make sure that the answer documents are undamaged and complete and that they contain all appropriate identification information. **Careful inspection of the students' answer documents will help prevent scoring delays.**

1. Inspect all answer documents for improper marks. **Marks made with ballpoint pen, felt-tipped pen, hard-lead, or colored pencils will not be scanned.** All marks to be read by the scanners must be very dark**. DO NOT ALTER THE STUDENT'S RESPONSE IN ANY WAY.**
2. Check the multiple-choice answer section. Stray marks must be completely erased. Scanning machines are extremely sensitive and can sometimes pick up stray marks and erasures as intended responses. When a student has made a change, make sure that the unwanted response is completely erased, but **DO NOT ALTER THE STUDENT'S RESPONSE IN ANY WAY**.
3. Remove any extraneous materials or loose sheets of paper.
4. Check the demographic information:
   - **a.** Handwritten information in Field A (student's name, teacher, school, etc.) must be legibly filled in with a No. 2 pencil in the spaces provided at the top of the page.
   - **b.** If the answer document is submitted WITHOUT a Pre-ID label, Fields B through E, machine-scannable information (student's name, date of birth, gender, date of test, etc.), must be accurately filled in with dark No. 2 pencil marks. Make sure all fields have been completed in which you have entered information.
   - **c.** Check each student's answer document to ensure that the correct form number of the test has been completed in Field F, Form. You may check the form number the student filled in on the answer document in Field F, Form, against the form number on the student's test booklet. Failure to complete Field F accurately will result in the incorrect key being used to score the test.
5. Inspect answer documents for damage. No tape, staples, coffee, paint, or other foreign objects or substances can be on the answer documents.
6. Answer documents that are not in good physical condition (bent corners, folds or wrinkles, clips, or staples) cannot be scanned by electronic machines. If such an answer document is found, inform your STC and, if permission is given, transcribe the student's multiple-choice answers and demographic information to a blank answer document. If such transcriptions are made:
   - **a.** Verify the accuracy of **all** transcriptions with another Examiner, teacher, or faculty member however, **students' responses must not be altered in any way**.
   - **b.** Print the word "VOID" on the front demographic page of the original answer document and give it to your STC to return.

6.3 Completion of Demographic Codes

If students' answer documents are submitted WITH a Pre-ID label, any information in Fields B through E should NOT be completed. Any information coded in these fields will not be read by the scanner.

If students' answer documents are submitted WITHOUT a Pre-ID label, Fields B through E MUST be completed.

You or another designated adult must complete Fields H and I of the answer documents' demographic sections for all students for whom these special codes are applicable. **These fields must be coded ONLY after all testing is completed.** The accuracy and completeness of these special codes are critical to timely processing of student answer documents.

6.3.1 Field H—TESTING STATUS

Complete this field as directed to do so by your STC.

All students in *Algebra I*, *Geometry*, or *Algebra II* classes that will be completed at the end of the summer semester were to have taken either the corresponding SOL EOC *Mathematics* test or a substitute test. For students administered a substitute test, DO NOT complete Field H, Testing Status.

However, there may be students in your class who, for a variety of reasons, were not tested. This includes students who were not tested because they were absent, refused to take the test, were disruptive, or involved in a medical emergency.

You or another adult will need to complete Field H, Testing Status, on the answer document to explain why the student did not take the specific EOC *Mathematics* test. **This must be completed only after all make-up testing is finished. An answer document must be completed and returned for students who were enrolled at the time of testing but did not take an EOC *Mathematics* test.**

In Field H, complete the numbered circle that explains why the student did not take a test. Use Table 2. Coding "Testing Status" to determine which circle to select.

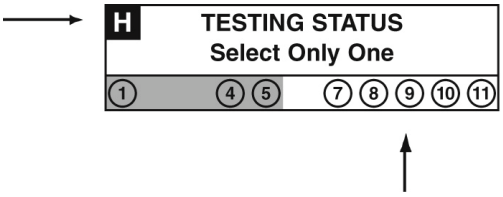
Table 2. Coding "Testing Status"

COMPLETE CIRCLE NUMBER:	IF THE STUDENT WAS:
1 = Absent	absent from the regular and make-up testing sessions.
4 = Medical Emergency*	unable to take the test due to a medical emergency.
5 = Refusal/Disruptive	disruptive or refused to take the test.
7 = Student Cheated	determined that he/she cheated; if directed by your STC, complete Code 7.
8 = Other	Complete Code 8 **only if directed to do so by your STC**.
9 = Student has already passed this test	Complete Code 9 **only if directed to do so by your STC**.
10 = Other	Complete Code 10 **only if directed to do so by your STC**.
11 = Other	Complete Code 11 **only if directed to do so by your STC**.

* Medical Emergency—Students categorized as having a medical emergency are those who are absent for the entire testing window due to hospitalization or serious illness as well as those who become ill while testing and who are then absent due to illness during the make-up period. Significant medical emergencies must be documented by a medical doctor.

Completing "Testing Status" for Students

If the student **did not** attempt **any questions** on the *Algebra I, Geometry,* or *Algebra II* test, fill in **only one** of the first three codes (1, 4, or 5).



Do not complete Codes 7–11 unless directed to do so by your STC.

6.3.2 Field I—SPECIAL TEST ACCOMMODATIONS

Complete this field as directed to do so by your STC.

Certain students with disabilities and students identified as LEP may receive testing accommodations. Only those testing accommodations that are specified in the IEP or 504 management plan for students with disabilities, or on the *LEP SOL Participation Plan* may be used. Complete Field I, Special Test Accommodations, if any testing accommodations are used. Complete **all** accommodations that apply. Accurate completion of this field is critical.

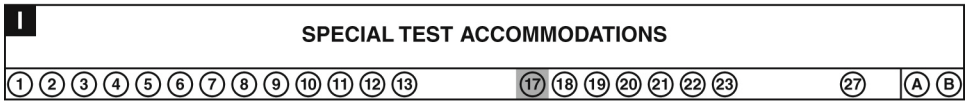
Appendix C indicates the specific testing accommodations corresponding to the numbers shown in Field I, Special Test Accommodations.

Circle A—*Plain English Mathematics* should be completed for students who are taking the *Plain English Algebra I* test instead of the regular *Algebra I* test. The *Plain English Algebra I* test is available to LEP students who are classified as level 1 or 2, all LEP students regardless of their English language proficiency level during their first year of enrollment in a U.S. school, and students with disabilities based on their IEPs or 504 management plans. See Section 5.2.1.2.

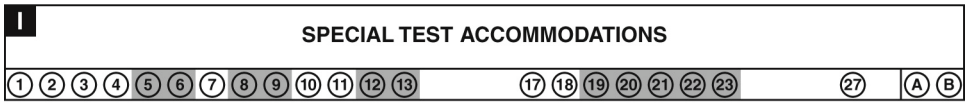
Consult with your STC if you have questions about whether this code should be completed for a student.

The following diagrams may also be helpful in completing the Special Test Accommodations field.

If applicable, complete Circle A for Plain English Algebra I only.
Complete Circle B only if directed to do so by your STC.



Regarding Students with Disabilities:
The circle in the shaded box above (Circle 17) is not applicable for a student with disabilities, unless the student is ALSO identified as LEP. If the student is identified as having a disability but not as LEP, DO NOT COMPLETE.



Regarding LEP Students:
Circles in the shaded boxes above are not applicable for an LEP student unless the student is ALSO identified as having a disability. If the student is identified as LEP but does not have a disability, DO NOT COMPLETE.

6.4 Completing the *Header Sheet*

Complete the *Header Sheet* as directed to do so by your STC.

If you are instructed to complete the *Header Sheet*, follow procedures as outlined in this section.

Only one *Header Sheet* will be used for the paper-banded bundles of answer documents. The *Header Sheet* will be bundled with answer documents for (1) Regular Test Forms, (2) Special Test Forms (Braille, large-print, and regular audio), (3) alternate forms used for irregularities that require retesting for either Regular or Special Test Forms, (4) Term Graduate forms, and (5) expedited retakes.

You will need computer-generated preprinted or blank *Header Sheets* and paper bands to organize the answer documents. The *Header Sheet* will be used by the Scoring Center to identify the source and expected quantity of the used answer documents returned. It is important that all the necessary information is pre-printed and/or handwritten on the *Header Sheet*. A sample *Header Sheet* is in Appendix F.

NOTE: Answer documents for students testing in the summer from schools outside your division should be bundled separately with their own Header Sheet. Follow specific directions as outlined by your STC.

The *Header Sheet* is a scannable document. **Photocopies are not acceptable for Scoring Center use.** If you do not have a scannable *Header Sheet* (pre-printed or blank), obtain one from your STC.

Header Sheets used with answer documents within the division are pre-printed and the circles are pre-coded. The school name and the school code columns are blank. *Header Sheets* used with answer documents outside of the division are blank. Follow directions as provided by your STC for completing the school name and code fields.

Verify and complete the *Header Sheet.* The process involves verifying ALL pre-coded data and filling in other pertinent data into the proper fields on the *Header Sheet*, as directed by your STC. The instructions below must be followed carefully.

1. At the top, verify the division name in the top box. If not pre-printed, write in your division name.
2. The NUMBER OF DOCUMENTS columns **must** match the number of answer documents submitted for scoring from your classroom. If an incorrect number is written or coded in the NUMBER OF DOCUMENTS field, score reporting will be delayed and schools may NOT receive score reports before the close of the school term. If you are uncertain about which answer documents to count, ask your STC. Answer documents must be submitted for all students, both tested and not tested. Since this total number will not be known until all necessary make-up sessions have been concluded, use the following instructions for completion of this field.
   a. At this point, **NO** make-up session(s) should be necessary for this classroom. After ensuring this is the case, enter the number of answer documents in your stack in the NUMBER OF DOCUMENTS field of the *Header Sheet*. Enter the total, right-justified, in this field. Enter zeros to the left of the number to completely fill the four-digit field. For example, 32 answer documents would be printed and filled in as 0032.
   b. If a make-up session(s) **WILL** be necessary for this classroom, leave these columns BLANK at this time. **The STC will retain the *Header Sheet* with the stack of answer documents in locked storage until after this classroom's final (or only) make-up session. At that time, place the answer document(s) from the make-up session(s) in the same stack with those from the previous test sessions. Count them, and enter the result.**
3. Under LEVEL, complete the appropriate circle "EOC" for the *Mathematics* tests.
4. In the DIVISION CODE columns, verify that the correct division code is pre-coded. If not, check with your STC.
5. The SCHOOL NAME and SCHOOL CODE columns should be completed as directed by your STC.
6. REQUIRED HEADER VERIFICATION CONTACT, the person responsible for verifying and coding the *Header Sheet* must do so as directed by the STC. However, ONLY the name and phone number of the STC or DDOT should be provided as the "Header Verification Contact."

6.5 Preparing the Bundles of Answer Documents

Use the following instructions if your STC indicated that you should prepare your students' answer documents for shipping.

All used/marked answer documents should be bundled in the following manner:

1. Answer documents for Regular and Special Test Forms (Braille, large-print, and regular audio) should be bundled together with *one Header Sheet*. This includes answer documents for irregularities for either Regular or Special Test Forms. Also included in this bundle should be answer documents for all students not tested in a classroom.
2. If applicable, answer documents for students outside your division should be bundled by school with a separate *Header Sheet*.
3. Make sure that the completed *Header Sheet* and the answer documents are in the proper position. The lower left corner of each answer document has been cut at an angle. If the answer documents have been positioned properly, this corner cut should line up for all sheets in the stack. If not, pull the sheet(s) that is not positioned properly from the stack, turn it so that its corner cut is aligned with the other documents, and put it back in the stack.
4. Using a paper band, bundle the *Header Sheet* and the stack of used answer documents.

   NOTE: This information is optional. Score reports will not be delayed if any information on a paper band is omitted.

   a. On the paper band, write in the information as indicated in the PAPER BAND EXAMPLE below. Print your school name and "EOC *Algebra I*" on the paper band. **Leave the "_____ of _____" spaces blank.** The STC will complete this section of the paper band.

PAPER BAND EXAMPLE

School Oaktown High School

Level EOC—Algebra I

_____ **of** _____

   b. If **NO** make-up session(s) is necessary for this classroom, permanently fasten the paper band by attaching its ends to each other with a piece of clear tape. **Do not tape** the paper band to an answer document or use a staple or paper clip to permanently fasten the paper band. **Doing so may result in damage to or loss of an answer document.**

   c. If a make-up session(s) **WILL** be necessary for this classroom, **do not permanently fasten (such as with tape) the paper band.** In this instance, a paper clip or rubber band can be used as a temporary measure to keep the paper band closed around the stack of answer documents. The paper band will be permanently secured by the STC after the final (or only) make-up test session that involves students from your classroom.

6.6 Returning All Test Materials to Your STC After All Testing Is Completed

Return three separate groups of materials to your STC. Group your materials as follows:

- **Group 1—Scorable Secure Answer Documents:** All completed and partially completed answer documents, including answer documents for irregularities that required retesting should be bundled as described in Section 6.5—Preparing the Bundles of Answer Documents.
  Note: No loose scratch paper should be included with the scorable answer documents.
- **Group 2—Secure Test Materials:** (if still in your possession) all test booklets used in the final test session (include Braille and large-print Examiner's copies and accompanying audiotapes).

- **Group 3—Remaining Non-Scorable Materials:** (if still in your possession) the completed test booklet package *Assembly ID Sheets*, unused and/or unmarked answer documents, damaged answer documents marked "VOID," scratch paper, formula sheets, and this manual.

Follow your STC's instructions regarding the collection and storage of graphing calculators, compasses, rulers, and extra unused copies of the formula sheets.

Once all materials are in the packaging sequence order, return them to your STC. The STC will verify that you have returned all test materials and initial the "IN" column on the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* or the "Kits Returned" column on the *Classroom Transmittal Document for Special Test Forms Kits* (Appendix D), or other such transmittals.

NOTE

ALL TEST BOOKLETS, AUDIOTAPES, AND EXAMINER'S COPIES MUST BE ACCOUNTED FOR AND RETURNED TO YOUR STC.

6.6.1 Signing the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit or the Classroom Transmittal Document for Special Test Forms Kits*

After the SOL EOC *Mathematics* tests have been administered and materials returned to your STC, you may sign the *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* and/or the *Classroom Transmittal Document for Special Test Forms Kits* or another such transmittal forms, certifying the following:

1. The tests have been administered according to the directions in the *Examiner's Manual.*
2. Test questions have not been reproduced in any way.
3. No inappropriate test preparation activities have been conducted.
4. Students' responses have not been altered in any way.

Your STC may provide you and any Proctors or Interpreters (if applicable) with the opportunity to sign one of these forms: *Examiner's/Proctor's Test Booklet Transmittal Form/Affidavit* and the *Classroom Transmittal Document for Special Test Forms Kits* (Appendix D).

7. MAKE-UP TESTING

Every student who is absent on the regular test date(s) must be given an opportunity to take the missed test(s) provided the make-up sessions are within the testing window.

Your STC will provide you with information regarding the schedule for make-up testing sessions.

THANK YOU

We appreciate your time and effort in participating in the SOL Assessments for EOC *Mathematics*.

APPENDIX A
VIRGINIA DEPARTMENT OF EDUCATION
STANDARDS OF LEARNING ASSESSMENT PROGRAM
SUMMER 2007

TEST SECURITY GUIDELINES

Listed below are guidelines to assist those persons involved in the administration of the Virginia Standards of Learning (SOL) Assessments (paper and online) in determining what actions may compromise test security.

1. Students must never be exposed to unreleased test items or to the answers to unreleased test items before or following test administration. **Using unreleased test items in any form (including rewording of such test items) is STRICTLY PROHIBITED.** If in doubt whether test items have been released, contact the Division Director of Testing for verification.
2. All persons are prohibited from providing students with the answer to any unreleased test item and from making any suggestion as to how to respond to a test item at any time, whether before, during, or after a test administration. This prohibition includes provision of clues, hints, and/or actual answers in any written, printed, verbal, and/or non-verbal form (including dry-erase boards, chalkboards, charts, and bulletin boards).
3. Examiners should receive test booklets/writing prompts only on the day of testing. Examiners are not to open sealed packages of writing prompts more than 30 minutes before the test session for the direct-writing component of the writing tests.
4. Examiners are not to improperly review test items or test booklets before, during, or after test administration. Examiners administering the paper multiple-choice SOL tests are not to look ahead in the test booklets.
5. Copying/printing/photographing **ALL OR ANY PART** of an SOL assessment or taking notes about the items included on an SOL assessment is **STRICTLY PROHIBITED**. As stated in the copyrights by the Commonwealth of Virginia Department of Education, testing materials may not be reproduced or used in any form or by any means, electronic or mechanical, including photocopying or recording or by any information storage or retrieval systems.
6. All persons are prohibited from logging into TestNav™ (the Web-based application) posing as a student, current or fabricated, to view any SOL assessments. Only a student whose name appears on a Student Authorization Ticket is permitted to log in and take an online assessment (not applicable for *Writing* tests).
7. The tests must be administered strictly in accordance with the instructions outlined in the SOL assessment manuals. This includes following proper procedures for using test manipulatives. Directions that are to be read to the students must be read exactly as written.
8. No test item that will be scored to obtain students' test results may be used as a sample or practice item for learning how to select responses. Sample items are included in the SOL assessments to familiarize students with the format of the items and the procedures for selecting their answers.
9. All persons are prohibited from attempting to formally or informally score SOL assessments.
10. All Examiners, Proctors, or Interpreters using a Proctor Authorization Ticket to administer an online Read-Aloud assessment to students requiring this accommodation are prohibited from answering test questions in the Web-based assessment before, during, or after the administration of the test (not applicable for W*riting* tests).
11. All persons are prohibited from changing students' answers to test items whether by providing hints or clues during a test administration, correcting wrong answers during a test administration, or by erasing or correcting answers or responses recorded/selected by the student.
12. All known violations of test security procedures shall be reported by phone, fax or in writing. Call (804) 225-2102 to report violations by phone. Fax violations to (804) 371-8978. Written reports must be signed by the person making the report, and addressed to the Division of Assessment and Reporting, Virginia Department of Education, P.O. Box 2120, Richmond, VA 23218-2120. The Virginia Department of Education will request an investigation of any test improprieties and implementation of an action plan as necessary. All corrective action plans must be submitted to the Division of Assessment and Reporting.

Please read legislation passed by the Virginia General Assembly (§22.1–19.1 Actions for violations of test security procedures and §22.1–292.1 Violation of test security procedures: revocation of license) regarding the repercussions of violating test security.

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Please read legislation passed by the Virginia General Assembly (§22.1–19.1 Actions for violations of test security procedures and §22.1–292.1 Violation of test security procedures: revocation of license) regarding the repercussions of violating test security.

§ 22.1–19.1. Action for violations of test security procedures.

A. The Office of the Attorney General, on behalf of the Board of Education, may bring a cause of action in the circuit court having jurisdiction where the person resides or where the act occurred for injunctive relief, civil penalty, or both, against any person who knowingly and willfully commits any of the following acts related to secure mandatory tests required by the Board to be administered to students:

1. Permitting unauthorized access to secure test questions prior to testing;
2. Copying or reproducing all or any portion of any secure test booklet/writing prompt;
3. Divulging the contents of any portion of a secure test;
4. Altering test materials or examinees' responses in any way;
5. Creating or making available answer keys to secure tests;
6. Making a false certification on the test security form established by the Department of Education; or
7. Participating in, directing, aiding or abetting, or assisting in any of the acts prohibited in this section.

For the purpose of this subsection, "secure" means an item, question, or test that has not been made publicly available by the Department of Education.

B. Nothing in this section may be construed to prohibit or restrict the reasonable and necessary actions of the Board of Education, Superintendent of Public Instruction or the Department of Education or their agents or employees engaged in test development or selection, test form construction, standard setting, test scoring, reporting test scores, or any other related activities which, in the judgment of the Superintendent of Public Instruction or Board of Education, are necessary and appropriate.

C. Any person who violates any provisions of this section may be assessed a civil penalty not to exceed $1,000 for each violation; however, any person whose administrative or teaching license has been suspended or revoked pursuant to § 22.1–292.1 shall not be assessed a civil penalty for the same violation under this section.

All civil penalties paid to the Commonwealth pursuant to this section shall be deposited into the Literary Fund. (2000, cc. 634, 659; 2004, cc. 939, 955.)

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Please read legislation passed by the Virginia General Assembly (§22.1–19.1 Actions for violations of test security procedures and §22.1–292.1 Violation of test security procedures: revocation of license) regarding the repercussions of violating test security.

§ 22.1–292.1. Violation of test security procedures: revocation of license.

A. The Board of Education may suspend or revoke the administrative or teaching license it has issued to any person who commits any of the following acts knowingly and willfully with the intent to compromise secure mandatory tests administered to students as required by this title or by the Board of Education:

1. Giving unauthorized access to secure test questions;

2. Copying or reproducing all or any portion of any secure test booklet/writing prompt;

3. Divulging the contents of any portion of a secure test;

4. Coaching or assisting examinees during testing or altering examinees' responses in any way;

5. Making available any answer keys;

6. Failing to follow test security procedures established by the Department of Education;

7. Providing a false certification on any test security form required by the Department of Education;

8. Retaining a copy of secure test questions; and

9. Participating in, directing, aiding, assisting in, or encouraging any of the acts prohibited by this section.

For the purposes of this section, "secure test" means an item, question, or test that has not been made publicly available by the Department of Education.

Nothing in this section shall be construed to prohibit educational personnel from providing input to administrators or other authorized personnel, including school board members and members of the General Assembly, except when done in a manner that violates test integrity or security regarding the accuracy, clarity, or propriety of test items or test administration procedures.

B. Nothing in this section shall be construed to prohibit or restrict the reasonable and necessary actions of the Board of Education, the Superintendent of Public Instruction, or the Department of Education in test development or selection, test form construction, standard setting, test scoring and reporting, or any other related activities which, in the judgment of the Superintendent of Public Instruction or the Board of Education, are necessary and appropriate.

C. Any suspension or revocation imposed for the acts enumerated in this section shall be rendered pursuant to Board regulations promulgated pursuant to the Administrative Process Act (§ 9–6.14:1 et seq. and § 22.1–298), governing the licensure of teachers.

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STANDARDS OF LEARNING (SOL) ASSESSMENTS
SUMMER 2007

SCHOOL DIVISION PERSONNEL TEST SECURITY AGREEMENT
(INCLUDING EXAMINERS/PROCTORS)

I acknowledge that I will have access to the Standards of Learning (SOL) Assessments for the purpose of administering a SOL test. I also acknowledge that I have read, understand, and agree to adhere to the *Test Security Guidelines* for the SOL test. I understand that these materials are highly secure, and it is my professional responsibility to protect their security as follows:

1. I will not divulge the contents of the test to anyone.
2. I will not improperly review test items or test booklets/writing prompts, copy or take notes about any part of the test.
3. I will not allow access to the test materials to any student or to any other person not so authorized by the School Test Coordinator.
4. I will not alter students' responses in any way.
5. I will not provide answers to test items or any other improper assistance to students.
6. If serving as an Examiner for online Read-Aloud test sessions, I will not answer test questions in the Web-based assessment before, during, or after the administration of the test.
7. I understand my Login ID and password for the Virginia SOL Web-based Assessments are secure and must remain confidential.
8. I have read the legislation passed by the Virginia General Assembly (§ 22.1–19.1 Action for violations of test security procedures and § 22.1–292.1 Violation of test security procedures: revocation of license).
9. I understand that if test security procedures and guidelines are not followed, my license may be suspended or revoked or I may be assessed a civil penalty for each violation.

Interpreters and all individuals involved in transcriptions of student responses must also read and sign the test security agreement.

Please be sure to print, sign, and return the *Test Security Agreement* (from the computer OR manual) to the appropriate test administrator before administering any SOL tests.

Signed: _____

Print Name: _____

Position: _____

School: _____

Division: _____

Date: _____

This page may be photocopied.

APPENDIX B

SAMPLE DEMOGRAPHIC PAGE OF A STUDENT ANSWER DOCUMENT (PAGE 1/2)

SOL
Virginia Standards of Learning Program

2006 – 2007
Answer Document

ALGEBRA I
End-of-Course Test

Section 1

If this answer document is submitted WITH a Pre-ID label, any data in fields B through E will not be read by the scanner. Changes to student information must be made online within PEM Solutions.

If this answer document is submitted WITHOUT a Pre-ID label, fields B through E must be completed. Changes to student information after this document is submitted must be completed online within PEM Solutions.

Please see Section 2 for additional fields.

A STUDENT NAME			TEACHER
SCHOOL			SCHOOL DIVISION
GENDER	GRADE	DATE OF BIRTH	TEST DATE

B LAST NAME | FIRST NAME

C DATE OF BIRTH

MONTH	DAY	YEAR
Jan		19
Feb		20
Mar	00	00
Apr	11	11
May	22	22
Jun	33	33
Jul	4	4
Aug	5	5
Sep	6	6
Oct	7	7
Nov	8	8
Dec	9	9

D GENDER
Female Male

E STATE TESTING IDENTIFIER

JOHNSON, KYLE
123-4567
ANY HIGH SCHOOL
DOB: 01/01/1989
GRADE: 11
123456789-1
STI: 098765432
GENDER: M
ETH: W
DIS: XX
LS: X
LP: X
SUMMER 2007 NON-WRITING

PLEASE DO NOT WRITE IN THIS AREA

SERIAL #

Mark Reflex® by NCS Pearson IM-173280-001:654321 Printed in U.S.A. ISD6164

SAMPLE DEMOGRAPHIC PAGE OF A STUDENT ANSWER DOCUMENT (PAGE 2/2)

STUDENT NAME

Last Name	First Name

2006 – 2007
ALGEBRA I
End-of-Course Test

Section 2: Fields F and G must be completed. Fields H and I should be completed as needed.

F FORM

M

0	0		0
1	1	1	1
2	2	2	2
3	3	3	3
4	4		4
5	5		5
6	6		6
7	7		7
8	8		8
9	9		9

G TEST DATE

MONTH	DAY		YEAR	
◯ Jan			20	
◯ Feb				
◯ Mar	0	0	0	0
◯ Apr	1	1	1	1
◯ May	2	2	2	2
◯ Jun	3	3	3	3
◯ Jul		4	4	4
◯ Aug		5	5	5
◯ Sep		6	6	6
◯ Oct		7	7	7
◯ Nov		8	8	8
◯ Dec		9	9	9

H TESTING STATUS
Select Only One

1 4 5 7 8 9 10 11

I SPECIAL TEST ACCOMMODATIONS

1 2 3 4 5 6 7 8 9 10 11 12 13 17 18 19 20 21 22 23 27 A B

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Printed in the United States of America.

End-of-Course ALGEBRA I

SAMPLE
A Ⓐ Ⓑ Ⓒ Ⓓ

1 Ⓐ Ⓑ Ⓒ Ⓓ	16 Ⓕ Ⓖ Ⓗ Ⓙ	31 Ⓐ Ⓑ Ⓒ Ⓓ	46 Ⓕ Ⓖ Ⓗ Ⓙ
2 Ⓕ Ⓖ Ⓗ Ⓙ	17 Ⓐ Ⓑ Ⓒ Ⓓ	32 Ⓕ Ⓖ Ⓗ Ⓙ	47 Ⓐ Ⓑ Ⓒ Ⓓ
3 Ⓐ Ⓑ Ⓒ Ⓓ	18 Ⓕ Ⓖ Ⓗ Ⓙ	33 Ⓐ Ⓑ Ⓒ Ⓓ	48 Ⓕ Ⓖ Ⓗ Ⓙ
4 Ⓕ Ⓖ Ⓗ Ⓙ	19 Ⓐ Ⓑ Ⓒ Ⓓ	34 Ⓕ Ⓖ Ⓗ Ⓙ	49 Ⓐ Ⓑ Ⓒ Ⓓ
5 Ⓐ Ⓑ Ⓒ Ⓓ	20 Ⓕ Ⓖ Ⓗ Ⓙ	35 Ⓐ Ⓑ Ⓒ Ⓓ	50 Ⓕ Ⓖ Ⓗ Ⓙ
6 Ⓕ Ⓖ Ⓗ Ⓙ	21 Ⓐ Ⓑ Ⓒ Ⓓ	36 Ⓕ Ⓖ Ⓗ Ⓙ	51 Ⓐ Ⓑ Ⓒ Ⓓ
7 Ⓐ Ⓑ Ⓒ Ⓓ	22 Ⓕ Ⓖ Ⓗ Ⓙ	37 Ⓐ Ⓑ Ⓒ Ⓓ	52 Ⓕ Ⓖ Ⓗ Ⓙ
8 Ⓕ Ⓖ Ⓗ Ⓙ	23 Ⓐ Ⓑ Ⓒ Ⓓ	38 Ⓕ Ⓖ Ⓗ Ⓙ	53 Ⓐ Ⓑ Ⓒ Ⓓ
9 Ⓐ Ⓑ Ⓒ Ⓓ	24 Ⓕ Ⓖ Ⓗ Ⓙ	39 Ⓐ Ⓑ Ⓒ Ⓓ	54 Ⓕ Ⓖ Ⓗ Ⓙ
10 Ⓕ Ⓖ Ⓗ Ⓙ	25 Ⓐ Ⓑ Ⓒ Ⓓ	40 Ⓕ Ⓖ Ⓗ Ⓙ	55 Ⓐ Ⓑ Ⓒ Ⓓ
11 Ⓐ Ⓑ Ⓒ Ⓓ	26 Ⓕ Ⓖ Ⓗ Ⓙ	41 Ⓐ Ⓑ Ⓒ Ⓓ	56 Ⓕ Ⓖ Ⓗ Ⓙ
12 Ⓕ Ⓖ Ⓗ Ⓙ	27 Ⓐ Ⓑ Ⓒ Ⓓ	42 Ⓕ Ⓖ Ⓗ Ⓙ	57 Ⓐ Ⓑ Ⓒ Ⓓ
13 Ⓐ Ⓑ Ⓒ Ⓓ	28 Ⓕ Ⓖ Ⓗ Ⓙ	43 Ⓐ Ⓑ Ⓒ Ⓓ	58 Ⓕ Ⓖ Ⓗ Ⓙ
14 Ⓕ Ⓖ Ⓗ Ⓙ	29 Ⓐ Ⓑ Ⓒ Ⓓ	44 Ⓕ Ⓖ Ⓗ Ⓙ	59 Ⓐ Ⓑ Ⓒ Ⓓ
15 Ⓐ Ⓑ Ⓒ Ⓓ	30 Ⓕ Ⓖ Ⓗ Ⓙ	45 Ⓐ Ⓑ Ⓒ Ⓓ	60 Ⓕ Ⓖ Ⓗ Ⓙ

PLEASE DO NOT WRITE IN THIS AREA

SERIAL #

APPENDIX C
Special Test Accommodations Codes
EOC *Mathematics Tests*: *Algebra I* (Including *Plain English Algebra I*), *Geometry, Algebra II*

Limited English Proficient (LEP)	Students with Disabilities (SWD)	Available for Online Testing	Answer document circle number	*A student with an identified disability or identified as Limited English Proficient who has passed an SOL assessment utilizing any accommodation, has passed for all purposes.*
•	•	•	**1**	flexible schedule (includes breaks during test and multiple test sessions); for online, breaks during test within one school day
•	•	•	**2**	group size
•	•	•	**3**	environmental modifications (e.g., special lighting, noise buffers, use of study carrel)
•	•	•	**4**	visual aids (e.g., magnifying glass, templates to show only one item at a time); for online, large computer monitor, screen magnifier
L	•	•	**5**	amplification equipment (e.g., hearing aid or auditory trainer)
L	•		**6**	large-print test
•	•	•	**7**	assistance with directions (i.e., simplifying or clarifying directions)
L	•		**8**	increased size of answer circles (e.g., enlarged copy of answer document)
L	•		**9**	Braille test/Braille answer document
•	•	•	**10**	reading in English of test items (except for *English: Reading*). If Plan calls for reading the *English: Reading* test aloud, see #14.
•	•	•	**11**	audiotape version of test items (except for *English: Reading*). If Plan calls for using audiotape version of the *English: Reading*, see #15.
L	•	•	**12**	interpreting (e.g., signing, transliteration) test items (except for *English: Reading*). If Plan calls for interpreting the *English: Reading*, see #16.
L	•		**13**	communication board/pictorial presentation
			14	reading test items in English on the *English: Reading* test
			15	using audiotape version of the *English: Reading* test
			16	interpreting (e.g., signing, transliteration) test items on the *English: Reading* test
•	**S**	•	**17**	bilingual dictionary
•	•	•	**18**	mark in test booklet or student responds verbally; for online, student responds verbally
L	•	•	**19**	math aids (e.g., abacus, manipulatives)
L	•	•	**20**	large-diameter pencil, special pencil, pencil grip
L	•		**21**	respond by word processor, typewriter, Brailler
L	•		**22**	augmentative communication device
L	•	•	**23**	spelling aids: spelling checker, spelling dictionary
			24	tape recorder (pre-writing only)
			25	dictation in English to a scribe (direct-writing component only)
			26	use of calculator or arithmetic tables (grades 3, 4, 5, 6, and 7 math computation on the section of the test that does not allow a calculator)
•	•	•	**27**	other (must obtain prior approval from VDOE)
•	•	•	**A**	*Plain English Algebra I* only
•	•	•	**B**	other - nonstandard

Black squares in either column indicate accommodations that are <u>not available for these tests</u>. DO NOT COMPLETE.

S Unless also identified as LEP, these accommodations are <u>not available for students with disabilities</u>. DO NOT COMPLETE.

L Unless also identified as SWD, these accommodations are <u>not available for LEP students</u>. DO NOT COMPLETE.

• These accommodations are available as needed.

These accommodations are NOT available or NOT applicable with online testing.

This page may be photocopied.

APPENDIX D

SAMPLE TEST BOOKLET PACKAGE *ASSEMBLY ID SHEET*

Name of Test

Form Number

Level

Quantity

VIRGINIA STANDARDS OF LEARNING
SUMMER NON-WRITING SECURE
TEST MATERIALS
Assembly ID Sheet

EOC ALGEBRA I, [M5037] (10)

VA00000161 006921821

AFTER OPENING THIS PACKAGE BUT BEFORE DISTRIBUTING ITS CONTENTS TO STUDENTS:

1. Count the number of test materials contained in this package.
2. Check the one that is applicable and explain any discrepancy.

___ There were 10 test materials in this package.

___ There were NOT 10 test materials in this package.
Discrepancy: _____

3. Signature _____ Date _____
4. Return this Assembly ID sheet to the STC along with all enclosed test materials immediately after the testing session has concluded.

Range of Security Numbers in Packet

Assembly Number: VA00000161

Assembly Name: EOC ALGEBRA I, [M5037] (10)

Beginning Serial Range: 006921 **821**

Ending Serial Range: 006921 **830**

Quantity: 10

For Internal Use Only.

Pg 1 Pkt **33**

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SUMMER 2007 *NON-WRITING* TESTS

EXAMINER'S/PROCTOR'S TEST BOOKLET TRANSMITTAL FORM/AFFIDAVIT

Division Name: _____ **School Name:**_____

Test Name: _____

Directions

School Test Coordinators: Use the form on the reverse side to sign test booklets out to and in from Examiners/Proctors in your school. Provide your division name and school name.

- ❑ **1.** List each Examiner's/Proctor's name in the far-left column.
- ❑ **2.** List the number of test booklets assigned to each Examiner/Proctor.
- ❑ **3.** The Examiner/Proctor should initial the "Out" column when receiving test booklets.
- ❑ **4.** The STC must initial the "In" column at the end of the day when test booklets are returned. Both the Examiner/Proctor and STC should count or otherwise verify the number of test booklets distributed before initialing this form.

5. "EXAMINER'S/PROCTOR'S AFFIDAVIT"
After testing is completed, have each Examiner/Proctor read the following statements and sign the "Examiner's/Proctor's Affidavit" column certifying the following:

- ❑ **a.** I administered the Standards of Learning (SOL) Assessment according to the directions in the *Examiner's Manual*.
- ❑ **b.** I kept all materials secure when in my possession.
- ❑ **c.** I did not conduct any inappropriate test preparation activities with students that would invalidate their performance or give them an undue advantage over others.
- ❑ **d.** I did not alter students' responses in any way.
- ❑ **e.** I have read the statements above and understand that I am certifying that they are true by signing the "Examiner's/Proctor's Affidavit" on the reverse side.

(Over)

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SUMMER 2007 *NON-WRITING* TESTS

EXAMINER'S/PROCTOR'S TEST BOOKLET TRANSMITTAL FORM/AFFIDAVIT

Division Name: _____ **School Name:** _____

Test Name: _____

Directions: Numbers at the top of each column correspond to steps listed on the reverse side.

(1) Examiner's Name (Proctor's Name)	(2) Test Booklet Quantity	(3) OUT— EXAMINER'S/ PROCTOR'S INITIALS	(4) IN— STC'S INITIALS	(5) EXAMINER'S/PROCTOR'S AFFIDAVIT Examiners and Proctors are to sign in this column only AFTER reading statements a–e on the reverse side.

NOTES TO STC:

1. At the close of test administration, this completed page must be forwarded to your DDOT, who will keep it on file.
2. This page may be photocopied.

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SUMMER 2007 *NON-WRITING* TESTS

CLASSROOM TRANSMITTAL DOCUMENT FOR SPECIAL TEST FORMS KITS

Before testing, this form is for use by the STC when distributing Special Test Forms Kits to the Examiners. After testing, this form is for use by the Examiners when returning secure Special Test Forms Kits to the STC.

Directions

School Test Coordinators: After testing is completed, have each Examiner/Proctor read the following statements and sign the "Examiner's/Proctor's Affidavit."

Examiner's/Proctor's Affidavit

a. I administered the Standards of Learning (SOL) Assessment according to the directions in the *Examiner's Manual*.

b. I kept all materials secure when in my possession.

c. I did not conduct any inappropriate test preparation activities with students that would invalidate their performance or give them an advantage over other students.

d. I did not alter students' responses in any way.

e. I have read the statements above and understand that I am certifying that they are true.

Examiners are to sign only AFTER reading statements a–e above.

_____
Examiner's/Proctor's Signature

NOTES TO STC:

1. At the close of administration, this completed page must be forwarded to your DDOT, where it will be kept on file.
2. This page may be photocopied.

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SUMMER 2007 *NON-WRITING* TESTS

CLASSROOM TRANSMITTAL DOCUMENT FOR SPECIAL TEST FORMS KITS

Before testing, this form is for use by the STC when distributing Special Test Forms Kits to the Examiners. After testing, this form is for use by the Examiners when returning secure Special Test Forms Kits to the STC.

DIVISION NAME: _____ **SCHOOL NAME:** _____

EXAMINER'S NAME: _____

Level	Test Booklet	Regular Audio Kit	Audio Tape Only	Braille Kit	Large-Print Kit	Kits Received		Kits Returned		Comments
						Quantity Received	Examiner's Initials[1]	Quantity Returned	STC's Initials[2]	
End-of-Course	Algebra I									
	Plain English Algebra I									
	Geometry									
	Algebra II 2001 Standards									
	Algebra II 2001 Standards (Revised)									

[1] Before test administration [2] After test administration

APPENDIX E

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SUMMER 2007 *NON-WRITING* TESTS

TEST IRREGULARITY FORM

The Test Irregularity Web Application System (TIWAS) will be implemented during the Summer 2007 SOL Non-Writing Test Administration. As directed by the STC, follow procedures for documenting and submitting test irregularities using the TIWAS. The STC may direct Examiners to use this form or parts of the form to document the test irregularity incident.

Division Name:_____ Irregularity Number:_____

Test Administration:_____Year:____ Created Date:_____By:_____

❑ Regular ❑ Term Grad ❑ Exp Retake Student Grade:_____

School Name:_____ Test Type: ❑ Regular ❑ Regular Audio

No. of Students:_____ ❑ Large Print ❑ Braille

Test Session Name:_____ Test Mode:❑ Paper ❑ Online

Test Level/Content Area/Subject		Form No. with Irregularity	Prompt No.	Assigned by TIWAS	
				Alternate Form No.	Prompt No.
FOR EXAMPLE: ❑ 8 Mathematics		M3026			
Gr. 8	❑ *Reading* (Literacy)_____				
	❑ *Mathematics* (Numeracy) _____				
End-of-Course	❑ *English: Writing*_____				
	❑ *English: Reading*_____				
	❑ *Math*_____				
	❑ *Science*_____				
	❑ *History*_____				

Student Names and STIs (attach list of additional names and STIs):

1._____ 2._____

Description of Irregularity (PLEASE PRINT):

Submitted to DDOT: ❑YES ❑NO **Submitted to VDOE:** ❑YES ❑NO

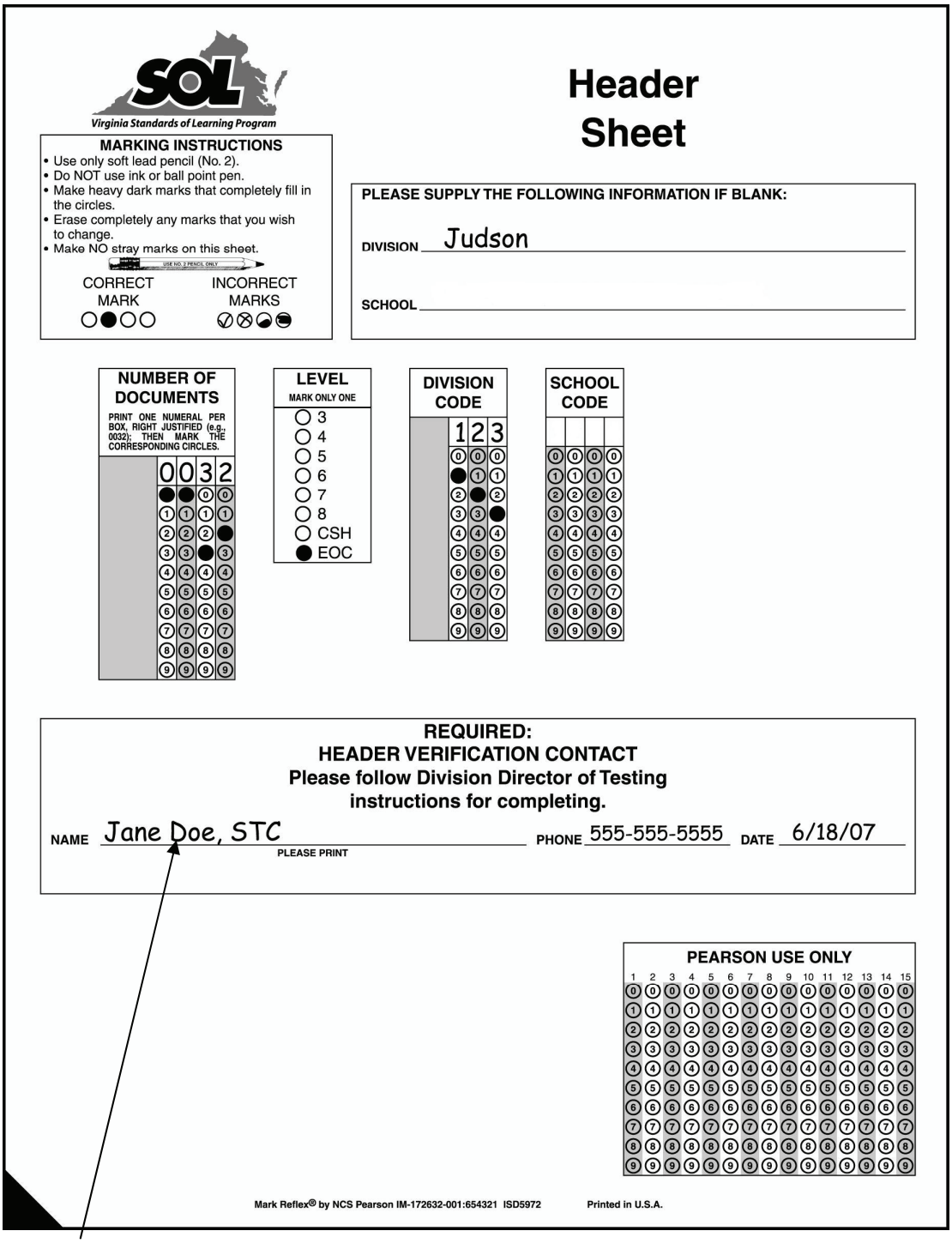
SIGNATURE: _____ **DATE:** _____

This page may be photocopied.

APPENDIX F

SAMPLE *HEADER SHEET*

NOTE: The *Header Sheet* may be used for any bundle of answer documents and MUST be completed prior to submission.



Virginia Standards of Learning Program

Header Sheet

MARKING INSTRUCTIONS
- Use only soft lead pencil (No. 2).
- Do NOT use ink or ball point pen.
- Make heavy dark marks that completely fill in the circles.
- Erase completely any marks that you wish to change.
- Make NO stray marks on this sheet.

USE NO. 2 PENCIL ONLY

CORRECT MARK — INCORRECT MARKS

PLEASE SUPPLY THE FOLLOWING INFORMATION IF BLANK:

DIVISION Judson

SCHOOL

NUMBER OF DOCUMENTS
PRINT ONE NUMERAL PER BOX, RIGHT JUSTIFIED (e.g., 0032); THEN MARK THE CORRESPONDING CIRCLES.
0032

LEVEL MARK ONLY ONE
3, 4, 5, 6, 7, 8, CSH, EOC

DIVISION CODE
123

SCHOOL CODE

REQUIRED:
HEADER VERIFICATION CONTACT
Please follow Division Director of Testing instructions for completing.

NAME Jane Doe, STC (PLEASE PRINT) PHONE 555-555-5555 DATE 6/18/07

PEARSON USE ONLY

Mark Reflex® by NCS Pearson IM-172632-001:654321 ISD5972 Printed in U.S.A.

ONLY the name and phone number of the STC or DDOT should be provided as the "Header Verification Contact."

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VA00005510