

WORKSHEETS FOR COMPONENT RETESTING IN INTEGRATED ALGEBRA

To be eligible for component retesting in Integrated Algebra, a junior or senior **must have done both** of the following:

- taken the Regents Examination in Integrated Algebra at least twice **AND**
- earned a score no lower than 48 on at least one of the two Regents Examinations in Integrated Algebra taken most recently. Any junior or senior who has not scored at least 48 on at least one of his or her last two Regents Examinations in Integrated Algebra is **not eligible** for component retesting and **must retake** the entire examination.

The component(s) that a student must take depends on the higher of the scores that the student earned on his or her last two Regents Examinations in Integrated Algebra as described below:

- If the student's higher score is between 55 and 64, the student must take the Algebra Component (Component A) **only**.
- If the student's higher score is between 48 and 54, the student must take the Algebra Component (Component A). In addition, the student must also take his or her weaker component: Geometry (Component G) OR Statistics and Probability (Component S).

For students whose higher score is between 55 and 64, skip to page 5 to complete **Junior/Senior Worksheet 2A, Table B—Regents Examination in Integrated Algebra Data Table**. Enter the date and the final score of the Next Most Recent and Most Recent Regents Examinations in Integrated Algebra. Pages 2–4 need not be completed for these students.

For students whose higher score is between 48 and 54, go to page 2 to begin completing the worksheets for determining which component along with Component A the eligible junior or senior is to take. Make separate worksheets for each eligible junior or senior. Then follow the steps below.

1. Fill out **Junior/Senior Worksheets 1 and 2B** using information from **each of the two most recent** Regents Examinations in Integrated Algebra the student has taken.

2. Use **Junior/Senior Worksheet 1, Table A—Regents Examination in Integrated Algebra Map to Core Curriculum/Criterion Scores for Components** (pages 2–4) to compute the student's component scores for the examinations. The content strands from the *Map to Core Curriculum* and the credit for each question appear on the table. Follow the directions at the top of page 2 to fill in the table. **Note:** The junior or senior's score for each of the two components is the number of credits earned on the questions for that content strand, **not** the number of items correct.

For those Regents Examinations in Integrated Algebra administered from June 2008 through January 2010, items 1–33 are worth 2 credits, items 34–36 are worth 3 credits, and items 37–39 are worth 4 credits.

3. If all of the student's scores for an examination are not available, use **Table C—Determining Weaker Component(s) When Complete Examination Data Are Unavailable** (page 7).
4. Indicate which component(s) are considered weak for each of the two content strands by putting a check mark in the box in the last row of **Junior/Senior Worksheet 2B, Table B—Regents Examination in Integrated Algebra Data Table** (page 6).
5. Proceed to **Table D—Weakness Pattern/Determining Component(s) for Retesting** (page 8).
 - Find the row in **Table D—Weakness Pattern/Determining Component(s) for Retesting** that matches the junior's or senior's weakness pattern to determine which component retest the senior is to take.
 - Place check mark(s) in the Component(s) to Retest section of Table B. This indicates the component(s) the junior or senior is to take in May 2010.

Please refer to pages 9–13 for samples of completed student worksheets.

JUNIOR/SENIOR WORKSHEET 1 Continued

Junior/Senior Name _____

Other Student Identifier _____

Next Most Recent Regents Examination in Integrated Algebra Taken by Eligible Student

Most Recent Regents Examination in Integrated Algebra Taken by Eligible Student

Date _____ Score _____

Date _____ Score _____

Table A – Regents Examination in Integrated Algebra Map to Core Curriculum/Criterion Scores for Components

| June 2009 | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------------|-----------------|-----------|
| Content Strand/ Component | Item Number | Credit | Student Score | Component Score | |
| | | | | Sum | Criterion |
| <i>Geometry</i> Component G | 19 | 2 | | | 3 |
| | 20 | 2 | | | |
| | 24 | 2 | | | |
| | 34 | 3 | | | |
| | 39 | 4 | | | |
| <i>Statistics and Probability</i> Component S | 5 | 2 | | | 5 |
| | 8 | 2 | | | |
| | 15 | 2 | | | |
| | 33 | 2 | | | |
| | 36 | 3 | | | |
| | 38 | 4 | | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | | |

| January 2009 | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------------|-----------------|-----------|
| Content Strand/ Component | Item Number | Credit | Student Score | Component Score | |
| | | | | Sum | Criterion |
| <i>Geometry</i> Component G | 5 | 2 | | | 3 |
| | 16 | 2 | | | |
| | 30 | 2 | | | |
| | 31 | 2 | | | |
| | 36 | 3 | | | |
| | 38 | 4 | | | |
| <i>Statistics and Probability</i> Component S | 3 | 2 | | | 7 |
| | 7 | 2 | | | |
| | 23 | 2 | | | |
| | 28 | 2 | | | |
| | 29 | 2 | | | |
| | 39 | 4 | | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | | |

Note: Please make the appropriate number of copies for each junior or senior who is eligible for component retesting.

SCHOOL NAME _____

BEDS CODE _____

JUNIOR/SENIOR WORKSHEET 1 Continued

Junior/Senior Name _____

Other Student Identifier _____

Next Most Recent Regents Examination in Integrated Algebra Taken by Eligible Student

Most Recent Regents Examination in Integrated Algebra Taken by Eligible Student

Date _____ Score _____

Date _____ Score _____

Table A – Regents Examination in Integrated Algebra Map to Core Curriculum/Criterion Scores for Components

| August 2008 | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------------|-----------------|-----------|
| Content Strand/ Component | Item Number | Credit | Student Score | Component Score | |
| | | | | Sum | Criterion |
| <i>Geometry</i> Component G | 7 | 2 | | | 4 |
| | 13 | 2 | | | |
| | 15 | 2 | | | |
| | 35 | 3 | | | |
| | 39 | 4 | | | |
| <i>Statistics and Probability</i> Component S | 4 | 2 | | | 5 |
| | 18 | 2 | | | |
| | 22 | 2 | | | |
| | 30 | 2 | | | |
| | 32 | 2 | | | |
| | 38 | 4 | | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | | |

| June 2008 | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------------|-----------------|-----------|
| Content Strand/ Component | Item Number | Credit | Student Score | Component Score | |
| | | | | Sum | Criterion |
| <i>Geometry</i> Component G | 1 | 2 | | | 5 |
| | 9 | 2 | | | |
| | 11 | 2 | | | |
| | 27 | 2 | | | |
| | 29 | 2 | | | |
| | 32 | 2 | | | |
| | 36 | 3 | | | |
| <i>Statistics and Probability</i> Component S | 2 | 2 | | | 7 |
| | 3 | 2 | | | |
| | 5 | 2 | | | |
| | 19 | 2 | | | |
| | 22 | 2 | | | |
| | 39 | 4 | | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | | |

Note: Please make the appropriate number of copies for each junior or senior who is eligible for component retesting.

SCHOOL NAME _____

BEDS CODE _____

JUNIOR/SENIOR WORKSHEET 2A

Use only for juniors or seniors whose higher score on the Regents Examination in Integrated Algebra is between 55 and 64.

Junior/Senior Name _____ Other Student Identifier _____

Table B—Regents Examination in Integrated Algebra Data Table

| Next Most Recent Regents Examination in Integrated Algebra Taken | Most Recent Regents Examination in Integrated Algebra Taken |
|---------------------------------------------------------------------|-------------------------------------------------------------|
| Date _____ Final Score _____ | Date _____ Final Score _____ |
| Component to Retest <input checked="" type="checkbox"/> Component A | |

Note: Please make the appropriate number of copies for each junior or senior who is eligible for component retesting.

SCHOOL NAME _____

BEDS CODE _____

JUNIOR/SENIOR WORKSHEET 2B

Use only for juniors or seniors whose higher score on the Regents Examination in Integrated Algebra is between 48 and 54. Copy data from Table A and then refer to **Table D—Weakness Pattern/Determining Component(s) for Retesting** on page 8 to determine which component(s) the student is to take.

Junior/Senior Name _____ Other Student Identifier _____

Table B—Regents Examination in Integrated Algebra Data Table

| Next Most Recent Regents Examination in Integrated Algebra Taken | | | | Most Recent Regents Examination in Integrated Algebra Taken | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|-----------|
| Date _____ | | Final Score _____ | | Date _____ | | Final Score _____ | |
| Component | Content Strand | Component Score | | Component | Content Strand | Component Score | |
| | | Sum | Criterion | | | Sum | Criterion |
| G | Geometry | | | G | Geometry | | |
| S | Statistics and Probability | | | S | Statistics and Probability | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | |
| Component(s) to Retest <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | | | | |

Note: Please make the appropriate number of copies for each junior or senior who is eligible for component retesting.

**TABLE C
 DETERMINING WEAKER COMPONENT(S)
 WHEN COMPLETE EXAMINATION DATA ARE UNAVAILABLE**

In some extraordinary circumstances, your school may not have complete data for each eligible junior or senior. If your school has the junior or senior’s final score for an administration of the Regents Examination in Integrated Algebra but no other data, use Table C below to determine which component(s) should be considered the weaker component(s) for that administration.

**Table C—Determining Weaker Component(s)
 When Complete Examination Data Are Unavailable**

| Next Most Recent & Most Recent Examinations | |
|--------------------------------------------------------|------------------------------------------|
| Scale Score | Weaker Component(s)* |
| 54 or lower | Component A and Component G** |
| 55–64 | Component A |

*The data in this column represents the weakness patterns for the Regents Examination in Integrated Algebra administered in June 2008, January 2009, June 2009, and August 2009.

**If the junior’s or senior’s teacher has evidence that the junior or senior is weaker in Component S, the school should follow the teacher’s recommendation and retest the junior or senior on Component S.

Table D—Weakness Pattern/Determining Component(s) for Retesting

Use this table only for juniors and seniors who have taken the Regents Examination in Integrated Algebra at least twice and whose higher score is between 48 and 54 to determine which component they must take in addition to Component A.

Table D—Weakness Pattern/Determining Component(s) for Retesting

| Weakness Pattern | | Component Retest for Junior or Senior to Take in Addition to Component A |
|---------------------------------|----------------------------|-----------------------------------------------------------------------------------|
| Next Most Recent Examination | Most Recent Examination | |
| G | G | G |
| G | S | S |
| G | G & S | G |
| S | G | G |
| S | S | S |
| S | G & S | S |
| G & S | G | G |
| G & S | S | S |
| G & S | G & S | <i>G or S</i> |

**EXAMPLES OF THE COMPONENT IDENTIFICATION PROCESS FOR THE
REGENTS EXAMINATION IN INTEGRATED ALGEBRA**

Junior/Senior Worksheet 2A for Student X

Student X took the Regents Examination in Integrated Algebra in August 2009 and received a final score of 54. The student retook the examination in January 2010 and received a final score of 58. **Junior/Senior Worksheet 2A** was completed for this student. Since Student X’s higher score was 58, Student X must take only Component A in May 2010.

Junior/Senior Name Student X **Other Student Identifier** SX1

Table B—Regents Examination in Integrated Algebra Data Table

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p align="center">Next Most Recent Regents Examination in Integrated Algebra Taken</p> <p>Date <u> August 2009 </u> Final Score <u> 54 </u></p> | <p align="center">Most Recent Regents Examination in Integrated Algebra Taken</p> <p>Date <u> January 2010 </u> Final Score <u> 58 </u></p> |
| <p>Component to Retest <input checked="" type="checkbox"/> Component A</p> | |

Junior/Senior Worksheet 1 for Student Y

Student Y took the Regents Examination in Integrated Algebra in August 2009 and received a final score of 54. The student retook the examination in January 2010 and received a final score of 51. Table A below lists Student Y's scores and sums for two components of these two examinations. The sums for each component and the criterion scores were entered in **Junior/Senior Worksheet 2B** (see next page). This table shows that Student Y's weakness pattern for both examinations is S and G & S. Since Student Y's higher score was 54, Student Y must retest on two components. Based on Table D, this student should take components A and S in May 2010.

Junior/Senior Name Student Y

Other Student Identifier SY1

Next Most Recent Regents Examination in Integrated Algebra Taken by Eligible Student

Most Recent Regents Examination in Integrated Algebra Taken by Eligible Student

Date August 2009 Score 54

Date January 2010 Score 51

Table A for Student Y

| August 2009 | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------------|-----------------|-----------|
| Content Strand/ Component | Item Number | Credit | Student Score | Component Score | |
| | | | | Sum | Criterion |
| <i>Geometry</i> Component G | 16 | 2 | – | 6 | 4 |
| | 19 | 2 | 2 | | |
| | 24 | 2 | – | | |
| | 25 | 2 | 2 | | |
| | 32 | 2 | – | | |
| | 38 | 4 | 2 | | |
| <i>Statistics and Probability</i> Component S | 5 | 2 | 2 | 4 | 5 |
| | 7 | 2 | – | | |
| | 8 | 2 | – | | |
| | 10 | 2 | 2 | | |
| | 30 | 2 | – | | |
| | 33 | 2 | – | | |
| | 39 | 4 | – | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | | | |

| January 2010 | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------------|-----------------|-----------|
| Content Strand/ Component | Item Number | Credit | Student Score | Component Score | |
| | | | | Sum | Criterion |
| <i>Geometry</i> Component G | 12 | 2 | 2 | 2 | 4 |
| | 15 | 2 | – | | |
| | 17 | 2 | – | | |
| | 18 | 2 | – | | |
| | 29 | 2 | – | | |
| | 38 | 4 | – | | |
| <i>Statistics and Probability</i> Component S | 1 | 2 | – | 5 | 6 |
| | 2 | 2 | – | | |
| | 14 | 2 | 2 | | |
| | 19 | 2 | – | | |
| | 30 | 2 | 2 | | |
| | 33 | 2 | – | | |
| | 35 | 3 | 1 | | |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input checked="" type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | | | |

Junior/Senior Worksheet 2B for Student Y

Junior/Senior Name Student Y Other Student Identifier SY1

Table B for Student Y

| Next Most Recent Regents Examination in Integrated Algebra Taken | | | | Most Recent Regents Examination in Integrated Algebra Taken | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|-----------|
| Date <u>August 2009</u> | | Final Score <u>54</u> | | Date <u>January 2010</u> | | Final Score <u>51</u> | |
| Component | Content Strand | Component Score | | Component | Content Strand | Component Score | |
| | | Sum | Criterion | | | Sum | Criterion |
| G | Geometry | 6 | 4 | G | Geometry | 2 | 4 |
| S | Statistics and Probability | 4 | 5 | S | Statistics and Probability | 5 | 6 |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | | Weak Component(s) <input checked="" type="checkbox"/> Component A <input checked="" type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | |
| Component(s) to Retest <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | | | | | |

Junior/Senior Worksheet 2B for Student Z

Junior/Senior Name Student Z Other Student Identifier SZ1

Table B for Student Z

| Next Most Recent Regents Examination in Integrated Algebra Taken | | | | Most Recent Regents Examination in Integrated Algebra Taken | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|-----------|
| Date <u>June 2008</u> | | Final Score <u>49</u> | | Date <u>June 2009</u> | | Final Score <u>54</u> | |
| Component | Content Strand | Component Score | | Component | Content Strand | Component Score | |
| | | Sum | Criterion | | | Sum | Criterion |
| G | Geometry | NA | 5 | G | Geometry | 4 | 3 |
| S | Statistics and Probability | NA | 7 | S | Statistics and Probability | 4 | 5 |
| Weak Component(s) <input checked="" type="checkbox"/> Component A <input checked="" type="checkbox"/> Component G <input type="checkbox"/> Component S | | | | Weak Component(s) <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | |
| Component(s) to Retest <input checked="" type="checkbox"/> Component A <input type="checkbox"/> Component G <input checked="" type="checkbox"/> Component S | | | | | | | |