

**NEW YORK STATE
COMPONENT RETEST**

**MATHEMATICS A
COMPONENT 5
MODULE 2**

TUESDAY, MAY 17, 2005

**SCORING KEY
AND
RATING GUIDE**

Multiple Choice Key

(1)	4
(2)	2
(3)	1
(4)	3
(5)	2
(6)	4

Math A Component Retest
May 2005
Component 5, Module 2

Rubrics

(7)

- [4] 15×60 or 15 and 60, and appropriate work is shown, such as $4w + w + 4w + w = 150$ or trial and error with at least three trials and appropriate checks.
- [3] Appropriate work is shown, but one computational error is made.
- or*
- [3] Appropriate work is shown, but only one dimension is found correctly.
- [2] Appropriate work is shown, but two or more computational errors are made.
- or*
- [2] Appropriate work is shown, but one conceptual error is made.
- or*
- [2] The trial-and-error method is used to find a correct solution, but only two trials and appropriate checks are shown.
- or*
- [2] An incorrect equation of equal difficulty is solved appropriately, and both dimensions are found.
- or*
- [2] The trial-and-error method is attempted and at least six systematic trials and appropriate checks are shown, but no solution is found.
- [1] Appropriate work is shown, but one conceptual error and one computational error are made.
- or*
- [1] 15×60 or 15 and 60, but no work or only one trial with an appropriate check is shown.
- [0] 15 *or* 60, but no work is shown.
- or*
- [0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously incorrect procedure.

(8)

[4] 5, and appropriate work is shown, such as $70h - 55h = 75$, a table, or trial and error with at least three trials and appropriate checks.

[3] Appropriate work is shown, but one computational error is made.

or

[3] Appropriate work is shown, and the distance that both vehicles travel from Seattle is found using a chart, but the number of hours is not stated or is stated incorrectly.

or

[2] Appropriate work is shown, but two or more computational errors are made.

or

[2] Appropriate work is shown, but one conceptual error is made.

or

[2] The trial-and-error method is used to find a correct solution, but only two trials and appropriate checks are shown.

or

[2] The trial-and-error method is attempted and at least six systematic trials and appropriate checks are shown, but no solution is found.

or

[2] An incorrect equation of equal difficulty is solved appropriately.

[1] Appropriate work is shown, but one conceptual error and one computational error are made.

or

[1] 5, but no work or only one trial with an appropriate check is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously incorrect procedure.

(9)

[4] 1.2, and appropriate work is shown.

[3] Appropriate work is shown, but one computational or rounding error is made.

or

[3] The lengths of \overline{AC} and \overline{AB} are found correctly, and appropriate work is shown, but they are not subtracted.

[2] Appropriate work is shown, but two or more computational or rounding errors are made.

or

[2] Appropriate work is shown, but one conceptual error is made, such as using an incorrect trigonometric function.

or

[2] An incorrect equation of equal difficulty is solved appropriately.

or

[2] The length of \overline{AB} is found correctly, but no further correct work is shown.

[1] Appropriate work is shown, but one conceptual error and one computational or rounding error are made.

or

[1] The length of \overline{AC} is found correctly, but no further correct work is shown.

or

[1] 1.2, but no work is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously incorrect procedure.