

NEW YORK STATE COMPONENT RETEST

MATHEMATICS A COMPONENT 4 MODULE 1

THURSDAY, MAY 14, 2009

SCORING KEY AND RATING GUIDE

Multiple Choice Key

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

Math A Component Retest
May 2009
Component 4, Module 1

Key to Multiple-Choice Questions

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

Rubrics

(7)

[4] 10, and a correct sample space or tree diagram is shown.

[3] A correct sample space or tree diagram is shown, but the number of dinner specials is not stated or is stated incorrectly.

or

[3] An incorrect sample space or tree diagram consisting of at least 12 dinners is shown, but an appropriate answer is stated.

[2] An incorrect sample space or tree diagram consisting of at least 12 dinners is shown, and the answer is not stated or is stated incorrectly.

or

[2] An incorrect or incomplete sample space or tree diagram consisting of at least 8 dinners is shown, but an appropriate answer is stated.

[1] An incorrect or incomplete sample space or tree diagram consisting of at least 8 dinners is shown, and the answer is not stated or is stated incorrectly.

or

[1] An incorrect sample space or tree diagram consisting of at least 6 dinners is shown, but an appropriate answer is stated.

or

[1] 10, but no sample space or tree diagram 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.

(8)

[4] Club A: $3x + 5$ or $A = 3x + 5$, Club B: $2x + 8$ or $B = 2x + 8$, and 4, and appropriate work is shown, such as solving $2x + 8 < 3x + 5$ or trial and error with at least three trials and appropriate checks.

[3] Appropriate work is shown, but one computational error is made, but an appropriate number of movies is found.

or

[3] Appropriate work is shown to find $x > 3$, but the least number is not stated or is stated incorrectly.

or

[3] Both expressions are written correctly and the trial-and-error method is used to find the correct solution, but only two trials and appropriate checks are shown.

[2] Appropriate work is shown, but two or more computational errors are made, but an appropriate number of movies is found.

or

[2] Appropriate work is shown, but one conceptual error is made, but an appropriate number of movies is found.

or

[2] $2x + 8 < 3x + 5$, but no further correct work is shown.

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

or

[1] Both expressions are written correctly, but no further correct work is shown.

or

[1] 4, 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] 9 sides, 140 for each interior angle, and 40 for each exterior angle, and appropriate work is shown.

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

or

[3] 9 sides, and either the measure of each interior angle or the measure of each exterior angle is found and labeled correctly.

or

[3] 9 sides and 140 and 40, but the angles are not labeled or are labeled incorrectly.

[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] Appropriate work is shown to find 9 sides, but no further correct work is shown.

or

[2] The number of sides is incorrect, but appropriate measures for each interior and each exterior angle are found and labeled.

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

or

[1] The number of sides is incorrect, but an appropriate measure for each interior or each exterior angle is found and labeled.

or

[1] 9, 140 for each interior angle, and 40 for each exterior angle, but no work is shown.

[0] 9, 140, and 40, but no work is shown, and the answers are not labeled or are labeled incorrectly.

or

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