

**NEW YORK STATE
COMPONENT RETEST**

**MATHEMATICS A
COMPONENT 6
MODULE 2**

FRIDAY, MAY 11, 2007

**SCORING KEY
AND
RATING GUIDE**

Multiple Choice Key

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

Math A Component Retest
May 2007
Component 6, Module 2

Key to Multiple-Choice Questions

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

Rubrics

(7)

[4] 64%, and appropriate work is shown, such as evaluating the expression $\frac{25\pi - 9\pi}{25\pi}$.

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

or

[3] Appropriate work is shown, but the answer is expressed as a decimal or a fraction.

[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 areas of both circles and the shaded area are found correctly, but no further correct work is shown.

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

or

[1] The areas of both circles are found correctly, but no further correct work is shown.

or

[1] 64%, 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.

(8)

[4] 650,000 and 26,000, and appropriate work is shown, such as $26 \cdot 25 \cdot 10^3$ and $26 \cdot 26 \cdot 10^3 - 650,000$.

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

or

[3] Both 650,000 and 676,000 are found, but the difference is not found or is found incorrectly.

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

or

[2] Appropriate work is shown, but a conceptual error is made, such as not allowing repeats of digits, but an appropriate difference is found.

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

or

[1] Appropriate work is shown, but one conceptual error is made, and the difference is not found or found incorrectly.

or

[1] Either 650,000 or 676,000 is found, and appropriate work is shown, but no further correct work is shown.

or

[1] 650,000 and 26,000, but no work is shown.

[0] 650,000 *or* 26,000, 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.

(9)

[4] No, and an appropriate justification is shown, such as solving $P(3R)$ and $P(3B)$.

[3] Appropriate work is shown, but one computational error is made, but an appropriate answer and justification are given.

[2] Appropriate work is shown, but two or more computational errors are made, but an appropriate answer and justification are given.

or

[2] Appropriate work is shown, but a conceptual error is made in finding one of the probabilities, such as finding the $P(3R)$ *with* replacement, but an appropriate answer and justification are given.

or

[2] Both probabilities are found correctly, and appropriate work is shown, but no comparison or an incorrect comparison is shown.

[1] One probability is found correctly, but no further correct work is shown.

or

[1] Both probabilities are found incorrectly, but an appropriate answer and justification are given.

[0] No, but no work or justification 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.