

**NEW YORK STATE
COMPONENT RETEST**

**MATHEMATICS A
COMPONENT 5
MODULE 2**

TUESDAY, APRIL 27, 2004

**SCORING KEY
AND
RATING GUIDE**

Multiple Choice Key

1	3
2	1
3	4
4	3
5	4
6	2

Math A Component Retest
April 2004
Component 5, Module 2

Key to Multiple-Choice Questions

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

Rubrics

(7)

[4] \$28,000, and appropriate work is shown, such as showing that paper is $\frac{1}{2}$ of the total budget and utilities is $\frac{1}{9}$, and the difference between the amounts is found correctly.

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

or

[3] The dollar amounts for paper (\$36,000) and utilities (\$8,000) are found correctly, but the difference between the amounts is not found.

[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.

[1] The dollar amounts for paper and utilities are found using an incorrect method, but the amounts are subtracted appropriately.

or

[1] It is stated that paper is $\frac{1}{2}$ (or an equivalent fraction) of the budget and utilities is $\frac{1}{9}$ (or an equivalent fraction) of the budget, but the dollar amounts and their difference are not found.

or

[1] \$28,000, 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] $y = -x + 2$, and appropriate work is shown.

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

or

[3] The correct slope and intercept are found, but no further correct work is shown.

or

[3] A correct equation is written, but it is not expressed in slope-intercept form.

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

or

[2] The correct slope is found, but no further correct work is shown.

or

[2] The line is graphed correctly and the y -intercept is identified correctly, but the correct equation is not written.

[1] $y = -x + 2$, 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.

(9)

[4] The table is completed correctly and a cumulative frequency histogram with appropriate labels and scales is constructed.

[3] The table has one or two errors, but an appropriate cumulative frequency histogram is drawn.

or

[3] The table is completed correctly, but one error is made in drawing the cumulative frequency histogram or one or more labeling errors are made.

[2] The table is incomplete, such as the frequency column is not filled in, and one error is made in constructing the cumulative frequency histogram.

or

[2] The table is completed correctly, but one conceptual error is made, such as constructing a correct bar graph or frequency histogram.

[1] The table is completed correctly, but no further correct 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.