MI Access™
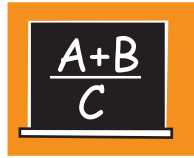**Michigan's Alternate Assessment Program**

Functional Independence
Fall 2011

Mathematics

Item Descriptors

Grade 5

MICHIGAN STATE BOARD OF EDUCATION

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

NOTE: *For each item listed throughout this booklet, the first statement is a summary of the Michigan Extended Grade Level Content Expectation (EGLCE) and the second statement or problem is the descriptor for the item's stem or question.*

1   N.ME.04.FI.EG01: Read, write and count using whole numbers to 1,000

Translate word form of number into standard form

A   tens = hundreds

B   correct

C   transposed ones place and tens place

2   N.MR.04.FI.EG09: Create, describe, and extend simple number patterns

Find next number in skip-counting pattern

A   added 1, instead of 100

B   added 10, instead of 100

C   correct

3   M.UN.04.FI.EG03: Measure lengths to the nearest inch

Measure length to nearest inch

A   two inches less than correct length

B   one inch less than correct length

C   correct

4   M.UN.04.FI.EG01: Select and use standard tools for measurement

Identify tool used to measure length

A   correct

B   tool to measure time

C   tool to measure weight

5   M.PS.04.FI.EG04: Measure and compare lengths and weights

Compare lengths of two objects

A   incorrect comparison

B   incorrect comparison

C   correct

6   M.PS.04.FI.EG06: Solve one-step word problems

Add two weights in pounds

A   subtracted

B   correct

C   twice the second addend

7 **G.GS.04.FI.EG01:** Identify, describe, and compare two-dimensional shapes

Determine number of sides in polygon

A correct

B one more than total

C two more than total

8 **G.LO.04.FI.EG02:** Use relative position of objects on a plane and in space

Determine relative position of two objects

A correct

B incorrect position

C incorrect position

9 **M.UN.04.FI.EG08:** Match denominations of coins or bills

Given photo of coins, match to photo with same value

A two nickels too many

B one nickel (or 5 pennies) under

C correct

10 **M.PS.04.FI.EG09:** Tell the amount of money

Given value in cents, identify matching photo of coins

A correct

B dime = nickel

C nickel = dime

11 **M.PS.04.FI.EG10:** Add and subtract money in dollars only or in cents only

Add two amounts of money given in cents

A subtracted

B incorrect addition in tens place

C correct

12 **M.PS.04.FI.EG10:** Add and subtract money in dollars only or in cents only

Subtract two amounts of money given in whole dollars

A added

B incorrect difference

C correct

13 M.UN.04.FI.EG02: Select appropriate units of measure

Determine unit of measure for length

A   unit of measure for temperature

B   correct

C   unit of measure for time

14 M.UN.04.FI.EG01: Select and use standard tools for measurement

Identify tool used to measure volume

A   correct

B   tool used to measure length

C   tool used to measure temperature

15 D.RE.04.FI.EG03: Solve problems using tables, graphs, tallies and pictographs

Read pictograph with scale of 1 to determine a sum

A   sum of first two categories, not all three

B   sum of last two categories, not all three

C   correct

16 D.RE.04.FI.EG03: Solve problems using tables, graphs, tallies and pictographs

Interpret tally sheet

A   total number of tallies in table

B   incorrect total for individual category

C   correct

17 N.ME.04.FI.EG08: Identify and place whole numbers on a number line

Identify location of point on number line

A   one under (number of increments from labeled number one)

B   correct

C   one too many (counted labeled zero as one increment)

18 N.ME.04.FI.EG05: Compare and order numbers to 1,000

Compare two 2-digit numbers

A   correct

B   incorrect comparison

C   incorrect comparison

19 N.ME.04.FI.EG02: Recognize equivalent representations for whole numbers to 1,000

Determine addition expression that sums to given total

A　correct

B　over by 2

C　over by 1

20 N.ME.04.FI.EG07: Use ordinals to identify position in a sequence

Name shape in given ordinal position

A　shape one position to the left

B　correct

C　shape one position to the right

21 N.ME.04.FI.EG05: Compare and order numbers to 1,000

Compare two 3-digit numbers

A　incorrect comparison

B　correct

C　incorrect comparison

22 N.ME.04.FI.EG02: Recognize equivalent representations for whole numbers to 1,000

Given key, identify diagram that shows the given number

A　one hundred block too few

B　tens = ones
　　ones = tens

C　correct

23 N.ME.04.FI.EG03: Represent whole numbers to 1,000

Given key, identify diagram that shows the given number

A　correct

B　hundreds and tens = ones

C　ones = hundreds
　　hundreds = ones

24 N.ME.04.FI.EG07: Use ordinals to identify position in a sequence

Name object in given ordinal position

A　incorrect ordinal position

B　incorrect ordinal position

C　correct

25 N.FL.04.FI.EG11: Add and subtract two numbers with 1 or 2 digits each

Subtract two 1-digit numbers

A   incorrect subtraction

B   correct

C   added

26 N.FL.04.FI.EG11: Add and subtract two numbers with 1 or 2 digits each

Subtract two 1-digit numbers

A   incorrect subtraction

B   correct

C   subtrahend

27 N.MR.04.FI.EG13: Model +/- for numbers less than 100

Identify number sentence to match given context

A   subtracted, instead of added

B   multiplied, instead of added

C   correct

28 N.MR.04.FI.EG13: Model +/- for numbers less than 100

Translate addition sentence into words

A   correct

B   subtraction

C   subtraction

29 N.FL.04.FI.EG15: Apply estimation in solving problems

Estimate sum

A   underestimate

B   correct

C   overestimate

30 N.FL.04.FI.EG15: Apply estimation in solving problems

Estimate difference

A   correct

B   overestimate

C   overestimate

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