Functional Independence
Fall 2010

Mathematics

Item Descriptors

Grade 3

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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.MR.02.FI.EG05: Create, describe, and extend simple number patterns

Find last number in skip-counting pattern

A added 5 to previous number, instead of 10
B correct
C sum of three given numbers

2 N.MR.02.FI.EG05: Create, describe, and extend simple number patterns

Find first number in skip-counting pattern

A correct
B one less than second number
C one more than last number

3 N.MR.02.FI.EG05: Create, describe, and extend simple number patterns

Find last number in skip-counting pattern

A correct
B added two, instead of subtracting
C sum of last two numbers (also number before first given number)

4 G.GS.02.FI.EG01: Identify common two-dimensional shapes

Identify name of 2-D shape given in the drawing

A correct
B incorrect 2-D shape
C incorrect 2-D shape

5 G.GS.02.FI.EG01: Identify common two-dimensional shapes

Identify name of 2-D shape given in the drawing

A correct
B incorrect 2-D shape
C incorrect 2-D shape
6  **G.LO.02.FI.EG02:** Describe position of objects on a plane and in space

Describe relative positions of two girls in drawing

A  incorrect position
B  correct
C  incorrect position

7  **G.GS.02.FI.EG01:** Identify common two-dimensional shapes

Identify 2-D shape given the name

A  correct
B  incorrect 2-D shape
C  incorrect 2-D shape

8  **N.ME.02.FI.EG01:** Count whole numbers to 30

Given array, find total

A  number of objects in length
B  correct
C  two more than total

9  **N.MR.02.FI.EG05:** Create, describe, and extend simple number patterns

Find last number in skip-counting pattern

A  added 1 to previous number, instead of 3
B  correct
C  five more than next number in pattern

10 **N.ME.02.FI.EG02:** Recognize representations for whole numbers to 30

Given key, identify diagram that shows the given number

A  omitted tens
B  correct
C  transposed tens and ones

11 **D.RE.02.FI.EG01:** Collect and explore data through counting

Identify drawing that corresponds to given number

A  correct
B  one more than total
C  two more than total
12 **D.RE.02.FI.EG01:** Collect and explore data through counting

Identify number that corresponds to given drawing

A one less than total
B correct
C more than twice total

13 **D.RE.02.FI.EG01:** Collect and explore data through counting

Given array, find total

A did not include 3rd row of array
B one less than total
C correct

14 **G.GS.02.FI.EG01:** Identify common two-dimensional shapes

Identify name of 2-D shape given drawing

A correct
B incorrect 2-D shape
C incorrect 2-D shape

15 **G.LO.02.FI.EG02:** Describe position of objects on a plane and in space

Describe relative positions of two objects

A correct
B incorrect position
C incorrect position

16 **M.UN.02.FI.EG02:** Use common words for the parts of the day

Identify name of day after given day

A neither day before nor day after
B correct
C neither day before nor day after

17 **M.UN.02.FI.EG02:** Use common words for the parts of the day

Given two dates, determine duration

A one week = one day
B correct
C transposed dates
18 M.UN.02.FI.EG03: Identify different denominations of coins
   Given photo of coin, determine value
   A correct
   B incorrect value
   C incorrect value

19 M.UN.02.FI.EG03: Identify different denominations of coins
   Given photo of coin, identify name
   A incorrect name
   B incorrect name
   C correct

20 M.UN.02.FI.EG03: Identify different denominations of coins
   Given value, identify photo of coin
   A incorrect coin
   B incorrect coin
   C correct

21 G.SR.02.FI.EG04: Predict the next element in a geometric pattern
   Determine the next shape in a geometric pattern
   A incorrect shape
   B correct
   C incorrect shape

22 G.SR.02.FI.EG04: Predict the next element in a geometric pattern
   Determine the next shape in a geometric pattern
   A correct
   B incorrect shape
   C incorrect shape

23 G.SR.02.FI.EG03: Create and describe repeating geometric patterns
   Describe geometric pattern with shapes
   A incorrect pattern
   B incorrect pattern
   C correct
24 M.PS.02.FI.EG01: Compare length

Compare the lengths of three objects

A incorrect comparison
B incorrect comparison
C correct

25 M.PS.02.FI.EG01: Compare length

Identify shortest object

A neither shortest nor longest object
B correct
C longest object

26 M.PS.02.FI.EG01: Compare length

Compare the heights of two stacks of objects

A correct
B incorrect comparison
C incorrect comparison

27 N.ME.02.FI.EG03: Compare and order numbers to 30

Order three numbers from least to greatest

A mixed order
B mixed order
C correct

28 N.ME.02.FI.EG02: Recognize representations for whole numbers to 30

Given key, identify diagram that shows given number

A omitted tens
B five fewer number of ones
C correct

29 N.ME.02.FI.EG03: Compare and order numbers to 30

Identify number that is greater than given number

A correct
B less than given number
C less than given number
30  **N.ME.02.FI.EG03:** Compare and order numbers to 30

Compare number of objects in diagram

A  incorrect comparison

B  incorrect comparison

C  correct