Functional Independence
Fall 2011

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 first number in skip-counting pattern

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

2 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

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

Find last number in skip-counting pattern

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

4 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

5 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
6  **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

7  **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

8  **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

9  **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

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 number that corresponds to given drawing

   A  one less than total
   B  correct
   C  more than twice total
12  **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

13  **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

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

Given two dates, determine duration

A  one week = one day
B  correct
C  transposed dates

17  **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
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.EG03: Create and describe repeating geometric patterns

Describe geometric pattern with shapes

A  incorrect pattern
B  incorrect pattern
C  correct

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.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
24 **M.PS.02.FI.EG01:** Compare length

Identify shortest object

A neither shortest nor longest object
B correct
C longest object

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

Compare the lengths of three objects

A incorrect comparison
B incorrect comparison
C correct

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

Identify number that is greater than given number

A correct
B less than given number
C less than given number

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

Order three numbers from least to greatest

A mixed order
B mixed order
C correct
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