Functional Independence
Fall 2012
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 correct

B added two, instead of subtracting

C sum of last two numbers (also number before first given 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 first 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 name of 2-D shape given drawing

A incorrect 2-D shape

B incorrect 2-D shape

C correct
5 G.LO.02.FI.EG02: Describe and use relative 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 drawing

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

7 G.LO.02.FI.EG02: Describe and use relative position of objects on a plane and in space

Identify picture that shows where girl is standing relative to chair

A incorrect position
B incorrect position
C correct

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

Identify picture that shows given number of crayons

A two fewer than total
B correct
C two more than total

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.EG01: Count whole numbers to 30

Given array, find total

A did not include one column
B did not include one row
C correct
11 **D.RE.02.FI.EG01**: Collect and explore data through counting

Interpret pictograph with scale of one

A total for other category
B total for other category
C correct

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

Identify picture that shows given number of dogs

A one more than total
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 in the drawing

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

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

Identify part of a graphic with given shape

A incorrect shape
B incorrect shape
C correct

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, identify its 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 its value

A correct
B incorrect value
C incorrect value

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

Identify 4-shape pattern

A transposed 2nd and 3rd shape
B correct
C only first shape is in correct location

22 **G.SR.02.FI.EG04**: Predict the next element in a simple geometric pattern

Identify next shape in pattern

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

Identify next shape in pattern

A incorrect shape
B correct
C incorrect shape

24 M.PS.02.FI.EG01: Compare length using terms such as shorter, longer, and taller

Identify shortest object

A neither shortest nor longest object
B correct
C longest object

25 M.PS.02.FI.EG01: Compare length using terms such as shorter, longer, and taller

Identify longest line segment

A shortest line segment
B neither shortest nor longest
C correct

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

Identify correct time of day given context

A before correct time of day
B correct
C after correct time of day

27 N.ME.02.FI.EG02: Recognize equivalent 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

28 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
29 N.ME.02.FI.EG02: Recognize equivalent 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

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

Identify number less than given number

A  correct
B  greater than given number
C  greatest number