Functional Independence
Fall 2013
Mathematics

Item Descriptors

Grade 3

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Item Descriptors
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 missing number in addition skip-counting pattern

A subtracted 1
B added 1
C correct

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 G.SR.02.FI.EG03: Create and describe repeating geometric patterns

Describe geometric pattern with shapes

A incorrect pattern
B incorrect pattern
C correct

4 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
5 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

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

Describe relative position of two objects
A opposite position
B correct
C opposite position

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

Given array, find total
A number of objects in length
B correct
C two more than total

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

Match given number to tally marks
A 1 fewer
B correct
C 1 more

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
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
Interpret pictograph with scale of one
A total for other category
B total for other category
C correct

13 N.ME.02.FI.EG02: Recognize equivalent representations for whole numbers to 30
Match given number to blocks
A missing 1 ten block
B missing 2 one blocks
C correct

14 N.ME.02.FI.EG02: Recognize equivalent representations for whole numbers to 30
Select diagram with corresponding number of pets
A correct
B incorrect diagram
C incorrect diagram

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 D.RE.02.FI.EG01: Collect and explore data through counting
Interpret bar graph to make comparison
A incorrect bar
B incorrect bar
C correct
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 G.LO.02.FI.EG02: Describe and use relative position of objects on a plane and in space

   Use given relative positions to identify object

   A  incorrect object
   B  incorrect object
   C  correct

19 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

20 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

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

   Compare the lengths of three objects

   A  incorrect comparison
   B  incorrect comparison
   C  correct

22 M.UN.02.FI.EG03: Identify different denominations of coins

   Identify coin given name

   A  incorrect coin
   B  incorrect coin
   C  correct
23 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

24 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

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

Compare lengths in feet

A incorrect comparison
B correct
C incorrect comparison

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

Compare lengths of two objects.

A correct
B incorrect comparison
C incorrect comparison

28 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
29 N.ME.02.FI.EG03: Compare and order numbers to 30

Identify number less than given number

A correct
B greater
C greater

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