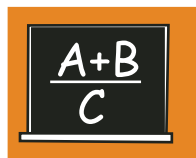


Functional Independence

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



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