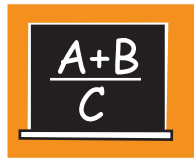


# Functional Independence

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** 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 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







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