

# Functional Independence

Fall 2010



## Mathematics

# *Item Descriptors*

**Grade 8**



**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.07.FI.EG06:** Create, describe, and extend simple number patterns

Find next number in skip-counting pattern given in table

- A** added 1 to previous number
- B** correct
- C** sum of all numbers in table

- 2 N.MR.07.FI.EG07:** Find the next number in a simple repeating pattern

Determine rule for skip-counting pattern

- A** correct
- B** added first number in pattern
- C** ten = one

- 3 N.MR.07.FI.EG07:** Find the next number in a simple repeating pattern

Determine rule for skip-counting pattern

- A** one hundred = ten
- B** correct
- C** one hundred = one thousand

- 4 N.ME.07.FI.EG02:** Recognize representations for whole numbers to 100,000

Given key and blocks, determine value shown

- A** one hundred = ten thousand  
ten = one hundred
- B** one hundred = one thousand  
ten = one hundred
- C** correct

- 5 N.ME.07.FI.EG03:** Express numbers to 100,000 using place value

Determine which number has a given number in ten thousands place

- A** correct
- B** given number in thousands place
- C** given number in tens place

















