Functional Independence
Mathematics

Official Released Items

Grade 3

Fall 2009
Official Released Items
The Grade 3 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2009 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are not secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2009 Grade 3 assessment booklet. Core items are those that count toward students’ scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

<table>
<thead>
<tr>
<th>Functional Independence Mathematics Grade 3</th>
<th>Number of Core Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics Strand</td>
<td></td>
</tr>
<tr>
<td>Numbers and Operations</td>
<td>10</td>
</tr>
<tr>
<td>Measurement</td>
<td>8</td>
</tr>
<tr>
<td>Geometry</td>
<td>9</td>
</tr>
<tr>
<td>Data and Probability</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Core Items/Points</strong></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Released Items</td>
<td><strong>10</strong></td>
</tr>
<tr>
<td></td>
<td>(Numbers vary by strand and topic.)</td>
</tr>
</tbody>
</table>
**DIRECTIONS:** Read each question. Choose the **BEST** answer for each question.
R1  What number comes next in the pattern?

20, 18, 16, 14, ____

A  2

B  12

C  24
Use the shape below to answer question R2.

R2 What is the name of this shape?

A circle
B square
C triangle
Use the figure below to answer question R3.

R3  How many shapes are shown?

A  11
B  18
C  22
R4  Jessie walked six blocks.

She saw 1 stop sign on every block.

Which picture below shows how many stop signs Jessie saw in all?

A  STOP  STOP  STOP  STOP  STOP  STOP

B  STOP  STOP  STOP  STOP  STOP

C  STOP  STOP  STOP  STOP  STOP  STOP  STOP
Today is Tuesday.

What day is tomorrow?

A  Wednesday

B  Friday

C  Saturday
Use the coin below to answer question R6.

![Coin Image]

**R6** What is the name of this coin?

- **A** dime
- **B** penny
- **C** quarter
Use the pattern below to answer question R7.

R7 Which shape comes next in the pattern?

A

B

C
Tom is 5 feet tall.

John is 4 feet tall.

Who is taller?

A  Tom

B  John

C  Tom and John are the same height.
Use the picture below to answer question R9.

Dan’s Crayons

Ned’s Crayons

R9 Which sentence is true?

A Dan has fewer crayons than Ned.

B Dan has an equal number of crayons as Ned.

C Dan has more crayons than Ned.
Use the key below to answer question R10.

<table>
<thead>
<tr>
<th>Key</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>shows 10</td>
</tr>
<tr>
<td></td>
<td>shows 1</td>
</tr>
</tbody>
</table>

R10 Which of these on the following page is equal to 22?
Which of these on the following page is equal to 22?

A

B

C
Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the fall of the school year, only content from the previous grade level was measured on the assessment. For example, items eligible for the Grade 3 assessment will measure the Grade 2 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at [www.mi.gov/mi-access](http://www.mi.gov/mi-access).

<table>
<thead>
<tr>
<th>Released Item Number</th>
<th>EGLCE Code</th>
<th>STRAND or Abbreviated Extended GLCE Descriptor</th>
<th>Answer Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4</td>
<td>D.RE.02.FI.EG01</td>
<td>Collect and explore data through counting</td>
<td>A</td>
</tr>
<tr>
<td>R2</td>
<td>G.GS.02.FI.EG01</td>
<td>Identify common two-dimensional shapes</td>
<td>B</td>
</tr>
<tr>
<td>R7</td>
<td>G.SR.02.FI.EG04</td>
<td>Predict the next element in a geometric pattern</td>
<td>C</td>
</tr>
<tr>
<td>R5</td>
<td>M.UN.02.FI.EG02</td>
<td>Use common words for the parts of the day</td>
<td>A</td>
</tr>
<tr>
<td>R6</td>
<td>M.UN.02.FI.EG03</td>
<td>Identify different denominations of coins</td>
<td>A</td>
</tr>
<tr>
<td>R8</td>
<td>M.PS.02.FI.EG01</td>
<td>Compare length</td>
<td>A</td>
</tr>
<tr>
<td>R1</td>
<td>N.MR.02.FI.EG05</td>
<td>Create, describe, and extend simple number patterns</td>
<td>B</td>
</tr>
<tr>
<td>R3</td>
<td>N.ME.02.FI.EG01</td>
<td>Count whole numbers to 30</td>
<td>C</td>
</tr>
<tr>
<td>R9</td>
<td>N.ME.02.FI.EG03</td>
<td>Compare and order numbers to 30</td>
<td>C</td>
</tr>
<tr>
<td>R10</td>
<td>N.ME.02.FI.EG02</td>
<td>Recognize representations for whole numbers to 30</td>
<td>C</td>
</tr>
</tbody>
</table>