The Grade 7 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 2007 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 2007 Grade 7 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>Mathematics Strand</th>
<th>Number of Core Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Numbers and Operations</td>
<td>17</td>
</tr>
<tr>
<td>Measurement</td>
<td>12</td>
</tr>
<tr>
<td>Geometry</td>
<td>3</td>
</tr>
<tr>
<td>Data and Probability</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Core Items/Points</strong></td>
<td><strong>35</strong></td>
</tr>
<tr>
<td>Released Items</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>(Numbers vary by strand and topic.)</td>
</tr>
</tbody>
</table>

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**DIRECTIONS:** Read each question. Choose the **BEST** answer for each question.

**R1** Which number comes **next** in the pattern?

\[ 550, \quad 500, \quad 450, \quad 400, \quad \_\_\_ \]

A 300  
B 350  
C 450  

GO ON TO THE NEXT PAGE.
R2  How many days are in 1 week?

A  5
B  7
C  10
Use the picture below to answer question R3.

R3  How many cars are to the left of car H?

A  1  
B  2  
C  3
Use the picture below to answer question **R4**.

**R4**  Paul is standing in block A.

In which direction should Paul move to go directly to block C?

A  east  
B  west  
C  south
R5  Which unit can be used to measure the weight of a car?

A  gallons

B  inches

C  pounds
Peter has one crayon in each of these colors: red, green, blue, yellow, pink, brown, purple, and black.

How many crayons does Peter have?

A six

B eight

C nine
R7 The circle graph shows how many of Curt’s marbles are green, yellow, red, and blue.

Curt has the fewest marbles of which color?

A  Blue
B  Red
C  Yellow
Gary has 19 stamps, and Nancy has 16 stamps.

How many more stamps does Gary have than Nancy?

A 3
B 5
C 6
R9  Frank sold several of his books at a garage sale.

What operation should you use to find the number of books he has left?

A  addition

B  subtraction

C  multiplication
Harry had $4.00.

He spent $1.00 on candy.

How much did he have left?

A $1.00

B $3.00

C $5.00
Do not continue until instructed to do so.
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 7 assessment will measure the Grade 6 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</th>
<th>EGLCE Code</th>
<th>STRAND or Abbreviated Extended GLCE Descriptor</th>
<th>Answer Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>R7</td>
<td>D.RE.06.EG01</td>
<td>Read data</td>
<td>B</td>
</tr>
<tr>
<td>R3</td>
<td>G.LO.06.EG01</td>
<td>Use relative position of objects on a plane and in space</td>
<td>C</td>
</tr>
<tr>
<td>R4</td>
<td>G.LO.06.EG03</td>
<td>Read, interpret, and use maps and grids</td>
<td>C</td>
</tr>
<tr>
<td>R2</td>
<td>M.UN.06.EG08</td>
<td>Know equivalent calendar units</td>
<td>B</td>
</tr>
<tr>
<td>R5</td>
<td>M.UN.06.EG02</td>
<td>Select units of measure</td>
<td>C</td>
</tr>
<tr>
<td>R10</td>
<td>M.PS.06.EG12</td>
<td>Add and subtract money in dollars and cents</td>
<td>B</td>
</tr>
<tr>
<td>R1</td>
<td>N.MR.06.EG05</td>
<td>Create, describe, and extend simple number patterns</td>
<td>B</td>
</tr>
<tr>
<td>R6</td>
<td>N.ME.06.EG01</td>
<td>Read, write, and count using whole numbers to 10,000</td>
<td>B</td>
</tr>
<tr>
<td>R8</td>
<td>N.FL.06.EG07</td>
<td>Add and subtract 1 and 2 digit numbers</td>
<td>A</td>
</tr>
<tr>
<td>R9</td>
<td>N.MR.06.EG15</td>
<td>Select numbers to solve problems</td>
<td>B</td>
</tr>
</tbody>
</table>