## M.EE.3.OA.4

<table>
<thead>
<tr>
<th>Grade-Level Standard</th>
<th>DLM Essential Element</th>
<th>Linkage Levels</th>
</tr>
</thead>
</table>
| M.3.OA.4 Determine the unknown whole number in a multiplication or division equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations $8 \times ? = 48$, $5 = _\div 3$, $6 \times 6 = ?$ | M.EE.3.OA.4 Solve addition and subtraction problems when result is unknown, limited to operands and results within 20 | **Initial Precursor:**  
• Recognize separateness  
• Recognize set  
**Distal Precursor:**  
• Combine sets  
• Demonstrate the concept of addition  
• Partition sets  
• Demonstrate the concept of subtraction  
**Proximal Precursor:**  
• Recognize the addition sign  
• Explain the function of the addition sign  
• Represent addition with equations  
• Recognize the subtraction sign  
• Explain the function of the minus sign  
• Represent subtraction with equations  
• Recognize the equal sign  
• Explain the function of the equal sign  
**Target:**  
• Determine the unknown in a subtraction equation  
• Determine the unknown in an addition equation  
**Successor:**  
• Solve join problems  
• Solve part-part-whole problems  
• Solve compare problems  
• Solve separate problems |
A diagram showing the relationship of nodes in the mini-map appears below.

Key to map codes in upper right corner of node boxes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP</td>
<td>Initial Precursor</td>
</tr>
<tr>
<td>SP</td>
<td>Supporting</td>
</tr>
<tr>
<td>DP</td>
<td>Distal Precursor</td>
</tr>
<tr>
<td>S</td>
<td>Successor</td>
</tr>
<tr>
<td>PP</td>
<td>Proximal Precursor</td>
</tr>
<tr>
<td>UN</td>
<td>Untested</td>
</tr>
<tr>
<td>T</td>
<td>Target</td>
</tr>
</tbody>
</table>

**M.EE.3.OA.4** Solve addition and subtraction problems when result is unknown, limited to operands and results within 20