# Essential Element, Linkage Levels, and Mini-Map

**Math: Grade 4**

**M.EE.4.OA.1-2**

<table>
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<th>Grade-Level Standard</th>
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| **M.4.OA.1** Interpret a multiplication equation as a comparison, e.g., interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations; **M.4.OA.2** Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison | **M.EE. 4. OA.1-2** Demonstrate the connection between repeated addition and multiplication | **Initial Precursor:**  
- Recognize subset  
- Recognize set  
- Recognize separateness  

**Distal Precursor:**  
- Demonstrate the concept of addition  
- Combine sets  
- Combine  

**Proximal Precursor:**  
- Represent repeated addition with an equation  
- Represent repeated addition with a model  

**Target:**  
- Demonstrate the concept of multiplication  

**Successor:**  
- Multiply by 5  
- Multiply by 4  
- Multiply by 3  
- Multiply by 2  
- Multiply by 1  

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A diagram showing the relationship of nodes in the mini-map appears below.

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

- **IP** Initial Precursor
- **SP** Supporting
- **DP** Distal Precursor
- **S** Successor
- **PP** Proximal Precursor
- **UN** Untested
- **T** Target

**M.EE.4.OA.1-2** Demonstrate the connection between repeated addition and multiplication