## Essential Element, Linkage Levels, and Mini-Map
### Math: Grade 7
#### M.EE.7.EE.1

<table>
<thead>
<tr>
<th>Grade-Level Standard</th>
<th>DLM Essential Element</th>
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| M.7.EE.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients | M.EE.7.EE.1 Use the properties of operations as strategies to demonstrate that expressions are equivalent | **Initial Precursor:**  
- Partition sets  
- Combine sets  
**Distal Precursor:**  
- Model associativity of multiplication  
- Model additive commutativity  
- Model associativity of addition  
- Model multiplicative commutativity  
**Proximal Precursor:**  
- Apply the associative property of multiplication  
- Apply commutative property of addition  
- Apply associative property of addition  
- Apply the commutative property of multiplication  
**Target:**  
- Use properties of operations to generate equivalent expressions involving subtraction  
- Use properties of operations to generate equivalent expressions involving addition  
**Successor:**  
- Use equivalent expressions in real-world context |

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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.7.EE.1** Use the properties of operations as strategies to demonstrate that expressions are equivalent