# Essential Element, Linkage Levels, and Mini-Map

**Math: Grade 8**

**M.EE.8.NS.1**

<table>
<thead>
<tr>
<th>Grade-Level Standard</th>
<th>DLM Essential Element</th>
<th>Linkage Levels</th>
</tr>
</thead>
</table>
| M.8.NS.1. Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert expansion which repeats eventually into a rational number | **M.EE.8.NS.1** Subtract fractions with like denominators (halves, thirds, fourths, and tenths) with minuends less than or equal to one | **Initial Precursor:**  
- Recognize separateness  
- Recognize subset  
**Distal Precursor:**  
- Recognize parts of a given whole or unit  
**Proximal Precursor:**  
- Decompose a fraction into a sum of unit fractions with the same denominator  
- Explain the concept of addition and subtraction of fractions  
**Target:**  
- Subtract fractions with common denominators  
**Successor:**  
- Add or subtract fractions with denominators of 10 and 100 |

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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.8.NS.1 Subtract fractions with like denominators (halves, thirds, fourths, and tenths) with minuends less than or equal to one.