# Essential Element, Linkage Levels, and Mini-Map

## Math: Grade 4

M.EE.4.NF.3

<table>
<thead>
<tr>
<th>Grade-Level Standard</th>
<th>DLM Essential Element</th>
<th>Linkage Levels</th>
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</table>
| M.4.NF.3 Understand a fraction $a/b$ with $a > 1$ as a sum of fractions $1/b$ | M.EE.4.NF.3 Differentiate between whole and half | Initial Precursor:  
- Recognize wholeness  
- Recognize separateness  

Distal Precursor:  
- Partition shapes  

Proximal Precursor:  
- Recognize parts of a given whole or a unit  
- Explain unit fraction  

Target:  
- Recognize fraction  
- Recognize one half on an area model  
- Recognize whole on an area model  

Successor:  
- Recognize one fourth on an area model  
- Recognize halves on an area model  
- Recognize fourths on an area model |

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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.NF.3 Differentiate between whole and half

```
F-69
recognize wholeness

F-84
recognize separateness

M-248
partition shapes

M-561
recognize parts of a given whole or a unit

M-2633
explain unit fraction

M-2411
recognize fraction

M-2350
recognize one half on an area model

M-2537
recognize whole on an area model

M-2344
recognize one fourth on an area model

M-337
recognize halves on an area model

M-339
recognize fourths on an area model
```