# M.EE.8.EE.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$

<table>
<thead>
<tr>
<th>Grade-Level Standard</th>
<th>DLM Essential Element</th>
<th>Linkage Levels</th>
</tr>
</thead>
</table>
| M.8.EE.1             | M.EE.8.EE.1 Identify the meaning of an exponent (limited to exponents of 2 and 3) | **Initial Precursor:**  
• Combine  
• Combine sets  
• Demonstrate the concept of addition  
**Distal Precursor:**  
• Explain repeated addition  
• Represent repeated addition with a model  
• Solve repeated addition problems  
**Proximal Precursor:**  
• Demonstrate the concept of multiplication  
• Explain multiplication problems  
• Explain product  
**Target:**  
• Recognize exponents  
**Successor:**  
• Explain product of powers property of exponents  
• Apply zero exponent property  
• Explain power of product property of exponents  
• Explain quotient of powers property of exponents |

© 2018 The Dynamic Learning Maps Essential Elements, linkage levels, and nodes are copyrighted by the University of Kansas Center for Research. Linkage levels and nodes are available for use by educators in DLM states but may not be used by commercial entities without written permission. Linkage level information and nodes may not be altered by anyone without express written permission from the University of Kansas Center for Research.

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.EE.1** Identify the meaning of an exponent (limited to exponents of 2 and 3)