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| **Mini-Lesson #7 – Evaluate Expressions (Integers and Expressions - Math 7)** | |
| **LEARNING OBJECTIVES**  \_\_\_\_ I can define, identify and provide examples of variables  \_\_\_\_ I can define, identify and provide examples of constants  \_\_\_\_ I can compare numerical and variable expressions  \_\_\_\_ I can demonstrate different ways to show multiplication and division  \_\_\_\_ I can evaluate variable expressions  **Vocabulary**: Evaluate Expression Variable Constant Coefficient | |
| **Chart to show different ways of representing multiplication and division:** | |  |  | | --- | --- | | **Multiplication** | **Division** | |  |  | |  |  | |  |  | |  |  | |
| **Steps to Evaluate an Expression:**   1. Rewrite the problem, but insert parenthesis for the variable. 2. Put the value of the variable in the parenthesis 3. Simplify the problem using order of operations.   1) n + 7 for n = 3 3)  + n for n = -4  2) 3x – 2 for x = 5 4) 6y2 + 2y for y = 2 | |

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| 1) n + 7 for n = -5  2) for n = 3, m = 4  3) abc for a = -3, b = -2, c = 5  4) 2a2 ­ 3b for a = 3, b =2 | 1. - 4x – 3 for x = 2   6) for m = -15  7) 5x2 + 3x for x = 2  8) for a = 3, b = 2 |

Practice for ML #7 - Evaluating Expressions (Math 7)