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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:** |

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| **Multiplication** | **Division** |
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| **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) $6y^{2}+2y$6y2 + 2y for y = 2  |

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|  1) n + 7 for n = -5 2) $\frac{3}{n}+2m$ for n = 3, m = 43) abc for a = -3, b = -2, c = 54) 2a2 ­ 3b for a = 3, b =2 | 1. - 4x – 3 for x = 2

 6) $m÷5+m$ for m = -157) 5x2 + 3x for x = 2 8) $\frac{6}{a}+4b+(ab)^{2}$ for a = 3, b = 2 |

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