

Math 5

UNIT 1 – Numerical Expressions

1-2 **Translating Expressions with Parentheses**

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| **Name:** |  | **Date:** |  |

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| **Common Core Standards** | [CCSS.MATH.CONTENT.5.OA.A.2](http://www.corestandards.org/Math/Content/5/OA/A/2/)Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. *For example,* *express the calculation "add 8 and 7, then multiply by 2" as 2 × (8 + 7).* *Recognize that 3 × (18932 + 921) is three times as large as 18932 + 921,* *without having to calculate the indicated sum or product*. |

1-2 Translating Expressions with Parentheses

Verbal Phrase with Parentheses

Verbal Phrase without Parentheses

Five times ten

minus four

Five times the difference of ten and four

$$5×10-4$$

$$5×(10-4)$$

I am Lost!

The verbal phrases below are translated into their numerical form, but the parentheses might be misplaced. Place the parentheses where they should be.

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|  | **Verbal Phrase** | **Numerical Expression** | **Is it correct?****Yes/No** | **Correct Numerical Expression** |
| 1. | The sum of ten and twelve minus five | $$10+(12-5)$$ |  |  |
| 2. | Eight times the quotient of ten and two | $$(8×10)÷2$$ |  |  |
| 3. | Seven plus the difference of twenty and thirteen | $$(7+20)-13$$ |  |  |

Task Cards

Match the pink and blue cards with the correct verbal phrase of the given numerical expressions.

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| **1.** |
| Twenty four divided by four times two plus five |

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| --- |
| **a.** |
| $$24×4÷2+5$$ |

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| **2.** |
| $ $The quotient of twenty four and four times the sum of two and five |

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| **b.** |
| $$24÷(4×2)+5$$ |

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| **3.** |
| Twenty four times four divided by two plus five |

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| --- |
| **c.** |
| $$24÷4×2+5$$ |

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| **4.** |
| Twenty four times the quotient of four and two plus five |

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| **d.** |
| $$(24×4)÷(2+5)$$ |

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| **5.** |
| Twenty four divided by the product of four and two plus five |

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| **e.** |
| $$24×(4÷2)+5$$ |

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| **6.** |
| The product of twenty four and four divided by the sum of two and five |

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| **f.** |
| $$(24÷4)×(2+5)$$ |

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|  | **ANSWER KEY** |
|  | **Situation 1** |  |
|  | **1.**  | No$$(10+12)-5$$ |
|  | **2.** | No$$8×(10÷2)$$ |
|  | **3.** | No$$7+(20-13)$$ |
|  | **Task Cards** |  |
|  | **1.**  | **c** |
|  | **2.** | **f** |
|  | **3.** | **a** |
|  | **4.** | **e** |
|  | **5.**  | **b** |
|  | **6.** | **d** |