

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

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 |  |  |  |
| 2. | Eight times the quotient of ten and two |  |  |  |
| 3. | Seven plus the difference of twenty and thirteen |  |  |  |

Task Cards

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **1.** | | Twenty four divided by four times two plus five | |  | |  | | --- | | **a.** | |  | |
|  |  |  |
| |  | | --- | | **2.** | | The quotient of twenty four and four times the sum of two and five | |  | |  | | --- | | **b.** | |  | |

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

|  |
| --- |
| **c.** |
|  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **4.** | | Twenty four times the quotient of four and two plus five | |  | |  | | --- | | **d.** | |  | |
|  |  |  |
| |  | | --- | | **5.** | | Twenty four divided by the product of four and two plus five | |  | |  | | --- | | **e.** | |  | |

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

|  |
| --- |
| **f.** |
|  |

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| --- | --- | --- | --- |
|  | **ANSWER KEY** | | |
|  | **Situation 1** |  | |
|  | **1.** | No | |
|  | **2.** | No | |
|  | **3.** | No | |
|  | **Task Cards** | |  | |
|  | **1.** | | **c** | |
|  | **2.** | | **f** | |
|  | **3.** | | **a** | |
|  | **4.** | | **e** | |
|  | **5.** | | **b** | |
|  | **6.** | | **d** | |