

Math 5

UNIT 1 – Numerical Expressions

1-4 **Order of Operations with Parentheses**

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

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| --- | --- |
| **Common Core Standards** | [CCSS.MATH.CONTENT.5.OA.A.1](http://www.corestandards.org/Math/Content/5/OA/A/1/)Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols. |

1-4 Order of Operations with Parentheses



The **PEMDAS** Rule



Fill Me Up!

Evaluate the given numerical expression by filling up the Funnel with the correct order of operations.

$$5×(10-2)÷(11+9)$$



Task Cards

Evaluate the following numerical expressions. Match the pink card with the blue card.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
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| --- |
| **1.** |
| $$9+\left(12÷4\right)×(3-2)+5$$ |

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| --- |
| **a.** |
| 6 |

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| --- |
| **2.** |
| $ $$$\left[6×\left(4+2\right)÷12\right]-3$$ |

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|  |
| --- |
| **b.** |
| 1 |

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|  |
| --- |
| **3.** |
| $$\left[\left(5+4\right)×3\right]÷9×(4-2)$$ |

|  |
| --- |
| **c.** |
| 2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
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| --- |
| **4.** |
| $$7+\left[24÷\left(3×2\right)+3\right]-4$$ |

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|  |
| --- |
| **d.** |
| 17 |

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|  |
| --- |
| **5.** |
| $$\left(10÷5\right)+\left(12÷6\right)-(8÷4)$$ |

 |  |

|  |
| --- |
| **e.** |
| 0 |

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| --- |
| **6.** |
| $$\left[3×\left(18÷3\right)-10\right]-[14÷\left(12÷6\right)]$$ |

|  |
| --- |
| **f.** |
| 10 |

|  |  |
| --- | --- |
|  | **ANSWER KEY** |
|  | **Situation 1** |  |
|  | **1.**  |  |
|  |  |  |
|  |  |  |
|  | **Task Cards** |  |
|  | **1.**  | **D** |
|  | **2.** | **E** |
|  | **3.** | **A** |
|  | **4.** | **F** |
|  | **5.**  | **C** |
|  | **6.** | **B** |