**Notes – Identifying Expressions/Equations/Inequalities**

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| --- | --- |
| What is an **Expression?** | * Math phrase containing numbers, operations and/or variables. * Can be evaluated or simplified, but cannot be solved. * Can contain variables, numbers and operations. * NO EQUAL SIGN!!! |
| What is an **Equation?** | * Math sentence that states expressions are equal. * Can be solvedand usually has one solution. * Can contain variables. * Like a balanced scale * HAS AN EQUAL SIGN!!! |

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| 1. 7w + 8 + 6w - 3 |  | 1. x + 3x = 14 | |
| 1. 2z + 5 = 25 |  | 1. 7 | |
| 1. 4x = 8 |  | 1. 8 = 8 | |
| 1. 14 + 9 |  | 1. z + z + z | |
| 1. 18g ÷ 2 • 3 = 5g - 6 |  | 1. a | |
| **Check the correct column. \*May apply to more than one\*** | | | **Expression** | **Equation** |
| 1. Contains an equal sign | | |  |  |
| 1. Cannot be “solved” | | |  |  |
| 1. 3x + 4 | | |  |  |
| 1. 10 + 3 = 13 | | |  |  |
| 1. Usually has one solution | | |  |  |
| 1. 12 = 3 + x | | |  |  |
| 1. Can contain numbers | | |  |  |
| 1. A mathematical sentence | | |  |  |
| 1. 4 = 12 ÷ 3 | | |  |  |
| 1. Can contain variables | | |  |  |