Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #:\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

**3.2A Adding and Subtracting Linear Expressions\_Classwork**

*Objective: compare and contrast between linear expressions and nonlinear expressions; add and subtract linear expressions; solve-real life applications.* <https://www.youtube.com/watch?v=vah7-2jumVs>

A linear expression is special because:

1. It has \_\_\_\_ variable.

Example: Non-Example:

1. No variable in a linear expression is raised to a power greater than \_\_\_\_ or used as the denominator of a fraction

Example: Non-Example:

1. Linear expressions graph has \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_.

Example: Non-Example:

**ACTIVITY:** Place each expression in the correct box.

|  |  |
| --- | --- |
| **Linear Expressions** | **Nonlinear Expressions** |
|  |  |

|  |  |
| --- | --- |
| Example 1: $\left(x-2\right)+(3x+8)$ | Example 4: $\left(4-5y\right)-(2y-8)$ |
| Example 2: $\left(-4y+3\right)+(11y-5)$ | Example 5: $\left(4.2-5y\right)-(2y-8.6)$ |
| Example 3: $2\left(-7z+3\right)+(5z-2)$ | Example 6: $\left(4-5.6y\right)-2(1.7y-6)$ |

HW: worksheet: 3.2A HW <https://www.livingston.org/cms/lib4/NJ01000562/Centricity/Domain/564/adding%20and%20subtracting%20linear%20expressions%20worksheet.pdf>

**WARM-UP**



**4)**

**3)**

**2)**

**1)**

Possible homework: Homework: 3.2B pg 90\_#8-13 ALL and #19-22 ALL <https://static.bigideasmath.com/protected/content/rpj/ca/red_journal_03.pdf>

Print: <http://images.pcmac.org/SiSFiles/Schools/TN/BradleyCounty/LakeForestMiddle/Uploads/DocumentsCategories/Documents/Lesson_15_HW.pdf>