Add and Subtract Linear Expressions

Steps:

1. Change subtraction to addition by adding the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. That is, change the sign of each term that is being subtracted.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Addition:**$$\left(3x+6\right)+(-2x-5)$$ | **Subtraction:**$$\left(-5x+4\right)-(2x-4)$$ |

You may find that lining problems up VERTICALLY will help you organize terms:

$$\left(5x-2\right)-(3x+4)$$

Practice Examples:

1. $\left(-6x+2\right)-(3x+4)$ 2. $\left(13x+1\right)+(2x-6)$

3. $\left(4x-9\right)-(2x-6)$ 4. $\left(2x-8\right)-(-3x+1)$

5. $\left(-12x+8\right)-(2x-8)$ 6. $\left(-5x+7\right)+(3x+4)$