Algebra 1.5 7.3 **Adding and Subtracting Rational Expressions with the Same Denominator**

* Add or subtract rational expressions with the same denominator.

**To add or subtract rational expressions that have the same denominator:**

1. Add or subtract \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and keep the same \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. Simplify to lowest terms. (Remember to factor the numerators and denominators \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in order to simplify).



**Example 1:**  Add



**Example 2a:**  Subtract



**Example 2b:**  Subtract.



**Example 2c:**  Subtract

**Example 3:** Add



**Example 4:** Add



**Example 5a:**



**Example 5b:**

**Homework:** Pg 515 #6-50 even