**Steps to Multiplying Rational Expressions**

1.) Factor each numerator & denominator.

2.) "\_\_\_\_\_\_\_\_\_" all of the factors on the \_\_\_\_\_\_ together and all of the factors on the \_\_\_\_\_\_\_\_\_\_\_ together.

3.) \_\_\_\_\_\_\_\_\_ by \_\_\_\_\_\_\_\_\_\_\_\_\_ out common factors from the \_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_... remember, only \_\_for \_\_!

4.) Write your answer in simplest \_\_\_\_\_\_\_\_\_\_ form...**DO \_\_\_\_\_\_\_\_\_\_\_\_\_ DISTRIBUTE!**

Examples: Multiply

|  |  |
| --- | --- |
| 1.)  | 2.)  |

**Steps to Dividing Rational Expressions**

1.) \_\_\_\_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_\_\_\_\_ by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



**Remember \_\_\_\_\_\_, \_\_\_\_\_\_\_, \_\_\_\_!**

2.) Follow steps for \_\_\_\_\_\_\_\_\_\_\_\_ Rational Expressions.

Examples: Divide

|  |
| --- |
| 3.)  |
| 4.)  |