Multiplying and Dividing Signed Fractions

* Change all mixed numbers to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* If the problem is division, change it to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and take the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the second fraction
* Simplify/reduce \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ or on a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. You can NOT reduce numbers that are next to each other.
* Multiply across the top, across the bottom – don’t forget integer rules!

Examples:

|  |
| --- |
| A. |
| B. |
| C. |
| D. |
| E. |

Multiplying Signed Decimals

* Rules have not changed! Multiply numbers as usual, count up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ places.
* Use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rules to determine sign of product.

1. 2.

3. 4.

Dividing Signed Decimals

* Rules have not changed! Move decimal point in divisor to the \_\_\_\_\_\_\_\_\_\_\_\_ to make it a \_\_\_\_\_\_\_\_\_\_\_\_ number, and move the decimal point in the dividend the same amount, then place on top.
* Divide as normal, use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rules to determine sign of quotient.

1. 2.

3. 4.