

Chapter 6 and 7

reciprocal - also called the multiplicative inverse. The reciprocal of a number is when you switch the numerator and the denominator. When you multiply a number by its reciprocal it equals 1

“of “means multiply and ‘is ‘means equals

Multiplication of fractions

Multiply the numerators and then multiply the denominators. Simplify or change to a mixed number if you can.

Cross cancelation. - if you can divide the diagonals of the fractions by a common factor you can do that before multiplying the fractions.

Division of Fractions

Keep Flip Change

You keep the first fraction the same; flip (take the reciprocal of) the second fraction and change the sign from division to multiplication and multiply the fractions.

You must always change mixed numbers into improper fractions before multiplying or dividing.