In this section we will discuss

* Dividing and Simplifying
* Rationalizing Denominators or numerators with one term

## Dividing and Simplifying

## The Quotient rule for Radicals:

For any real numbers and ,where

Simplify

Ex:

Divide and Simplify if possible

Ex:

## Rationalizing the Denominators or Numerators

To rationalize the denominator means to make the denominator a rational number, which means to say

“Get rid of all radicals in the denominator”.

Rationalize the Denominator

Rationalize the numerators