**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_Per:\_\_\_\_\_\_**

**Examples (Simplifying):**

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**Try These:**

**Examples (Multiplication):**

**Try These:**

**Challenge:**

**Examples (Division):**

**Try These:**

**Rationalize the Denominator:**

Cannot have Radicals in the denominator (not perfect square).

**Examples:**

Multiply by

Multiply by

**Try These:**

**Add and Subtract Radicals:**

Radicals are like terms when: when the number under the radical sign (The radicand) is exactly the same. Combine like radical terms by adding or subtracting the coefficient.

**Examples:**

**Try These:**

**Distribute:** (combine like terms if possible)

Example:

**Try These:**

**Mixed Practice:**

**Simplify:**