### **Chapter 0-1: Review**

Exponents, Fractions, and Radicals

Aug 15-11:34 AM

## **EXPONENT LAWS**

- 1. Product Rule
- 2. Quotient Rule
  - 3. Power Rule

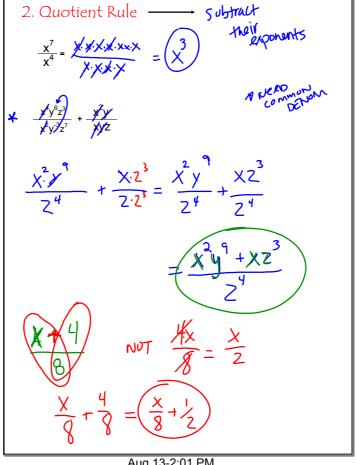
1. Product Rule 
$$\longrightarrow$$
 add their exponents

 $10^2 \cdot 10^4 = 10^5$ 

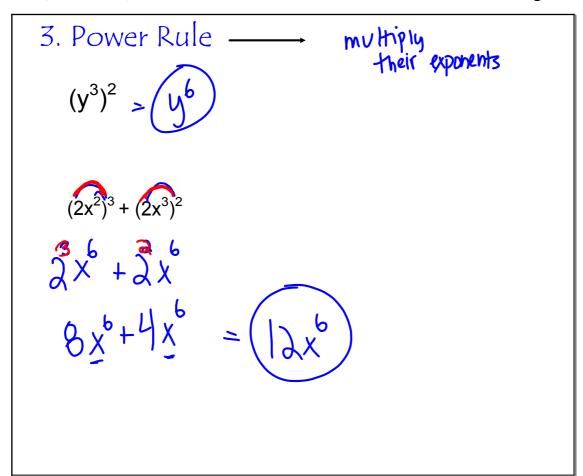
What do you notice about their bases?

 $x^2y^3 \cdot x^3y^{-5} = x^5y^2 = \frac{x^5}{y^2}$ 
 $x^2y^3 \cdot x^3y^{-5} = x^5y^2 = \frac{x^5}{y^2}$ 

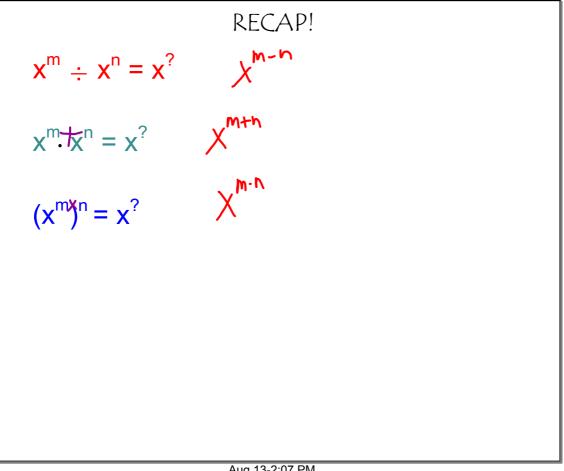
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Aug 13-2:01 PM



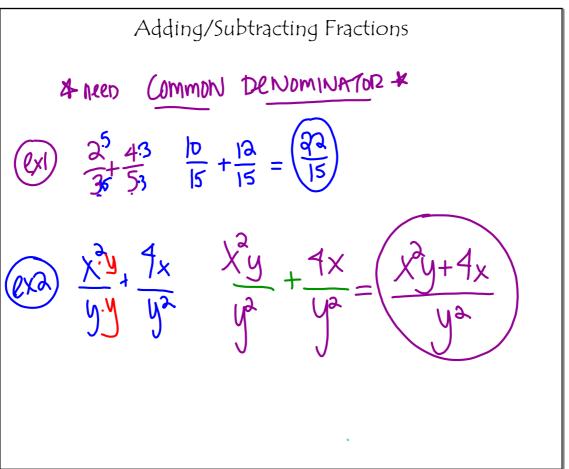
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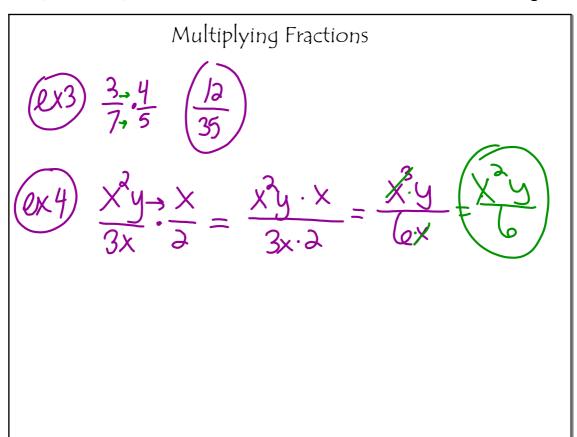


# Fraction Review

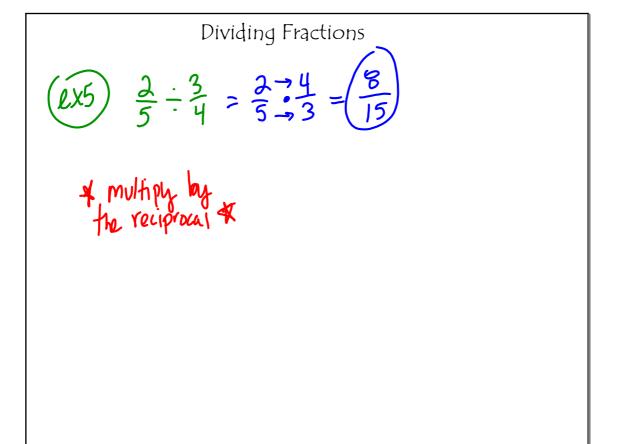
- 1. Adding/Subtracting
- 2. Multiplying/Dividing
- 3. Fractions with Variables

Nov 20-2:07 PM





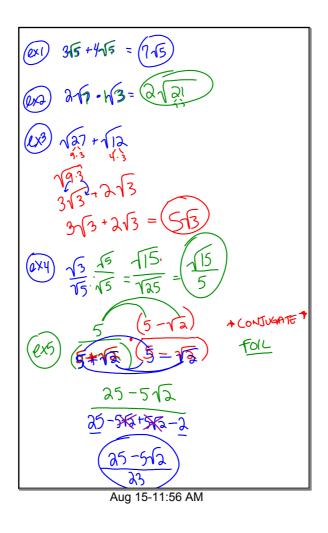
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### **Radicals**

- 1. Adding/Subtracting
- 2. Multiplying/Dividing
  - 3. Rationalizing

Aug 19-4:53 PM



# HW: Review Worksheet!

Aug 19-6:37 PM

#### Simplifying Reminders

\*You can cancel terms if top and bottom are connected by multiplication

\*If there is a +/- sign you may need to factor first and then cancel

\*You may need to split the fraction into two if there is ONE term in the denominator