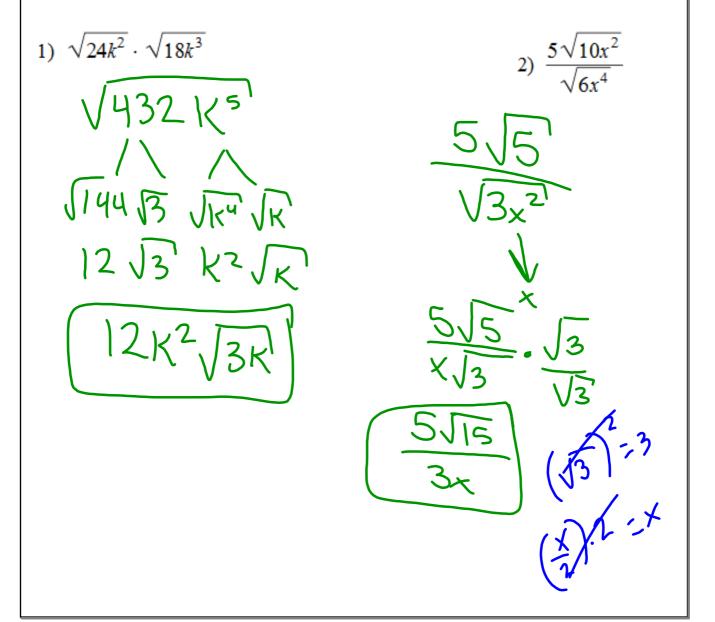
January 14th

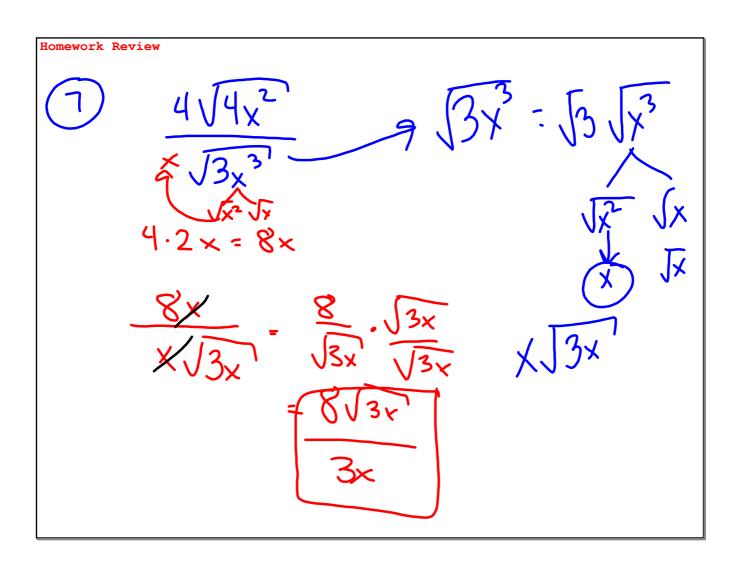
Due Today: 6.7 HW

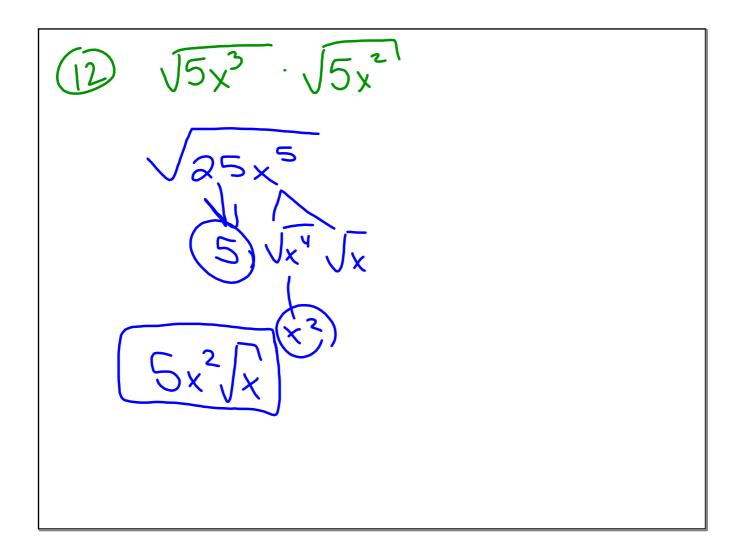
Unit 6: Exponents and Radicals

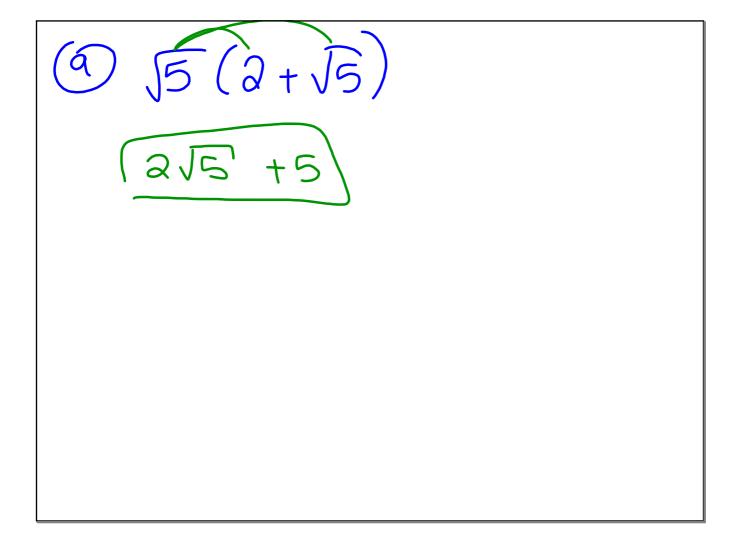
Lesson 6.8: Adding and Subtracting Radicals

Get Ready: Simplify:

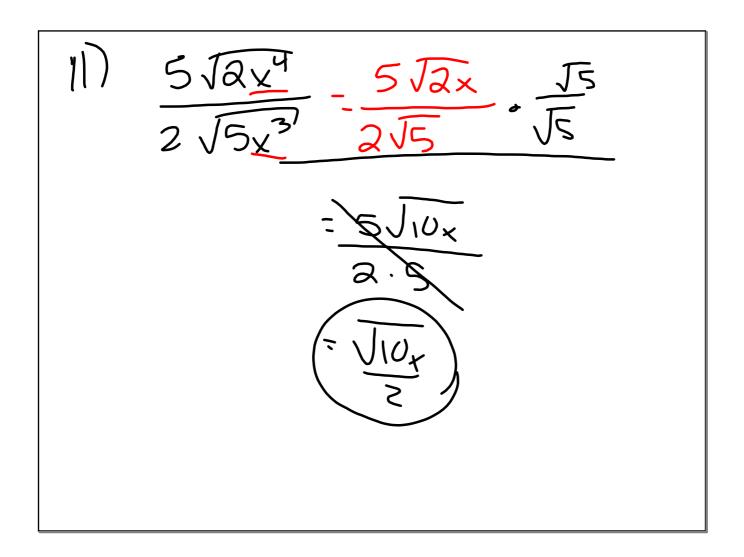


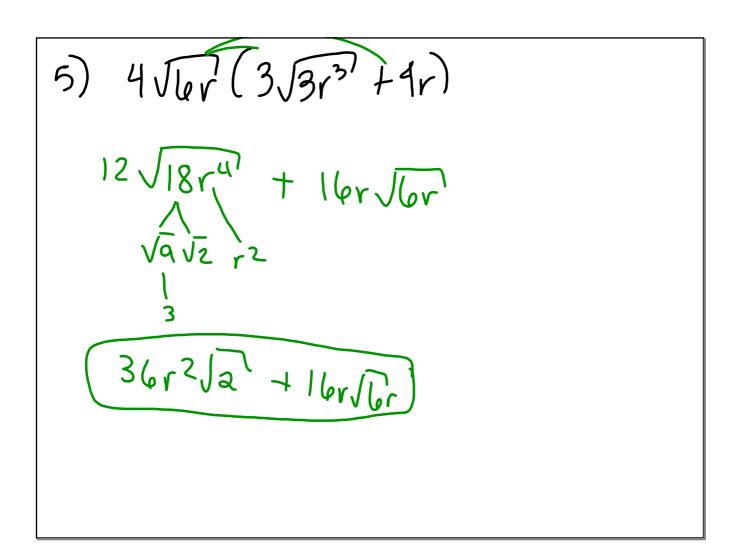


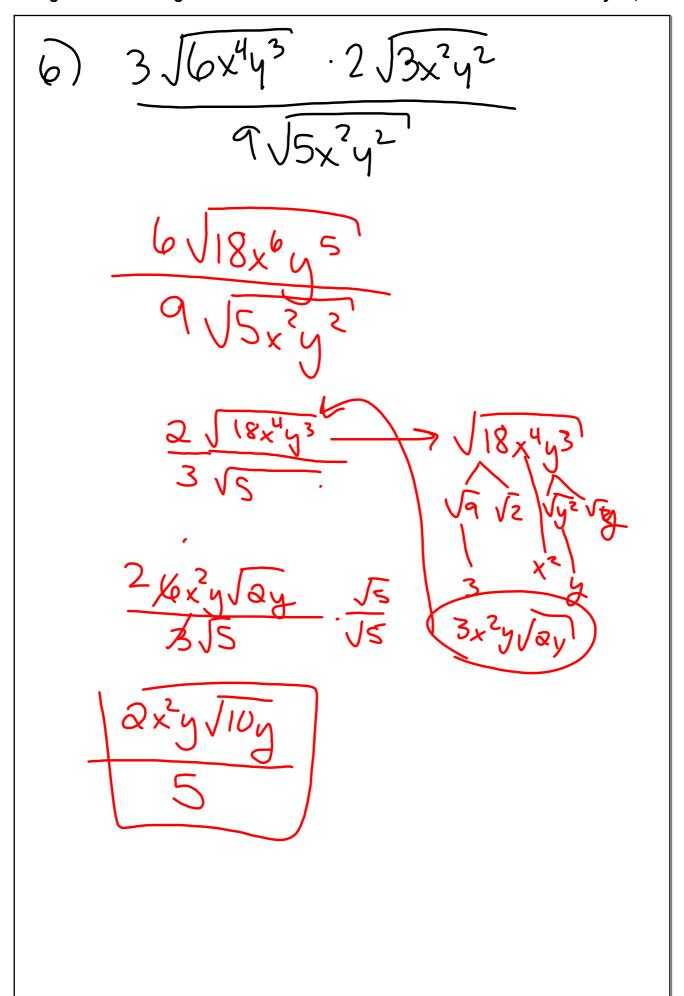








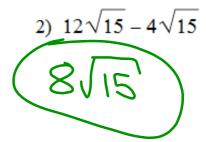




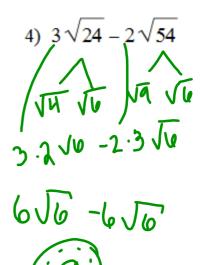
When adding/subtracting radicals we need LIKE RADICALS.

- 1. simplify radicals to make like radicals
- 2. add/subtract!
- 3. Simplify again if necessary!

1)
$$10\sqrt{11} + 8\sqrt{11}$$



3)
$$3\sqrt{6} + 3\sqrt{24}$$
 $\sqrt{4}$
 $\sqrt{4}$
 $\sqrt{6}$
 $\sqrt{3}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$
 $\sqrt{6}$



Practice: Work on these problems. When you get all

1)
$$-3\sqrt{21} - 5\sqrt{21}$$
 2) $5\sqrt{8} + 2\sqrt{8}$ 3) $-2\sqrt{54} + 2\sqrt{6}$

2)
$$5\sqrt{8} + 2\sqrt{8}$$

3)
$$-2\sqrt{54} + 2\sqrt{6}$$

4)
$$2\sqrt{18} + 2\sqrt{8}$$

5)
$$4\sqrt{160} - 5\sqrt{40}$$
 6) $-5\sqrt{24} - \sqrt{150}$

6)
$$-5\sqrt{24} - \sqrt{150}$$

2) $14\sqrt{2}$

3) -6√6

4) $10\sqrt{2}$

5) 6√10

6) 5√6

esson #	Name	Recap	HW
6.1	Review of basic Exponent Laws		HW 6.1 *unit 5 corrections
6.2	Challenge Practice		HW 6.2
6.3	Exponential Growth and Decay		HW 6.3
6.4	Símplífyíng Radícals		6.4 VN 6.4 Delta Math
6.5	More Radíclas		HW 6.5 QUIZ WED!
6.6	Quíz + Radícals Wíth varíables		HW 6.6
6.7	multíplying and dividing radicals		hw 6.7
6.8	Adding and subtracting Radicals		6.8 Delta math Ave Monday C pm