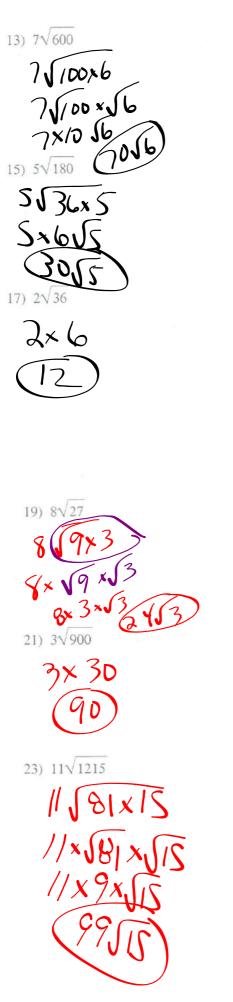
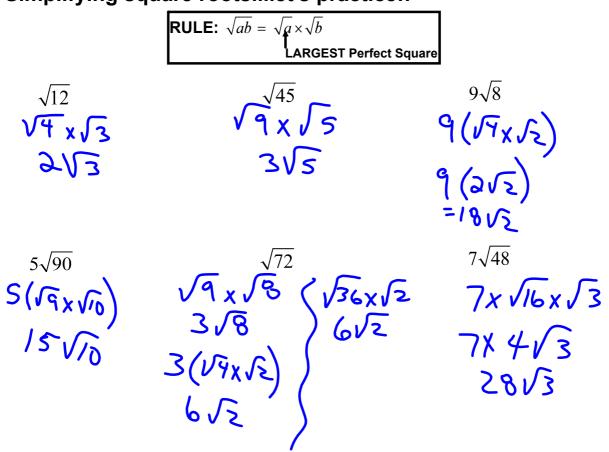
HOMEWORK SOLUTIONS... Worksheet - Simplifying Radicals (Square Roots).pdf 8 Larges 1 a xVb = 2) \sqrt{216} 1) √96 **J36x6** 6x6 × 56 3) 4) * $\sqrt{144}$ 5) 6) 8) \sqrt{175} 7) \sqrt{45} 9x 3 V25× 9) √343 10) \sqrt{12} 12) 9\sqrt{245} 11) 10√96 10116×6 10×116×56 954925 49×15 9 10 x 416

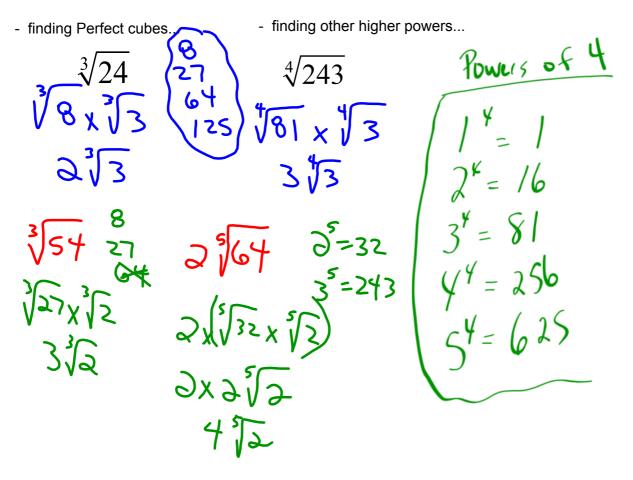


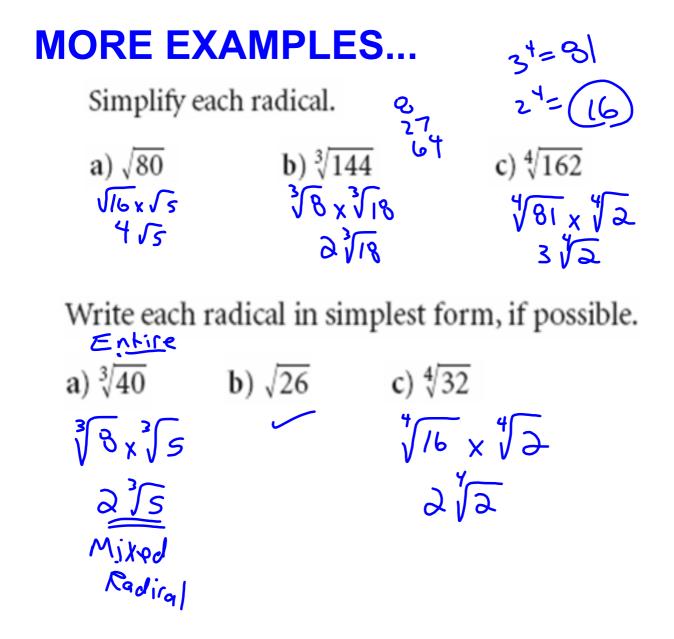
14) 5\[245] 5 GXC 16) 31 x 5 2 18) 9√125 9 25×5 20) 12√1764 12x42 22) 7\[\sqrt{2535}] 169×15 |X | 91 24) 2√200 J/mx2 \mathcal{Z} 201



Simplifying square roots...let's practice!!

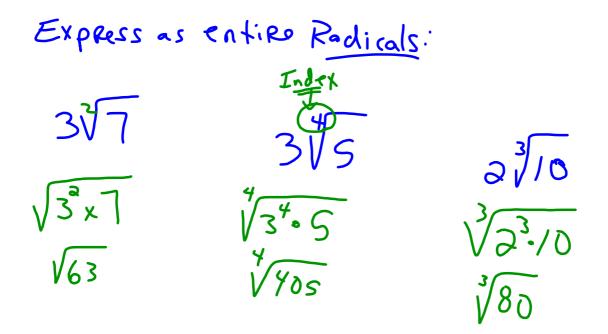
What about simplifying roots OTHER than square roots?





What if we wanted to reverse this process?

• Changing a MIXED radical to an ENTIRE radical $3\sqrt{5} = 4\sqrt{2} = 7\sqrt{4} \times \sqrt{5}$ $\sqrt{3^{3}} \times 5 \sqrt{4^{3}} \times 3 \sqrt{5} \sqrt{3^{3}} = 3\sqrt[5]{4} = 3\sqrt[5]{54} \sqrt{5}$ $\sqrt{3^{3}} \times 3 \sqrt{5^{3}} \sqrt{5^{3}} \sqrt{4} = 3\sqrt[5]{57} \times \sqrt{3}$ $\sqrt{3^{3}} \times 3 \sqrt{5^{3}} \sqrt{5^{3}} \sqrt{4} = 3\sqrt[3]{57} \times \sqrt{3}$



Practice Problems...

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#4,

#10 (1st & 3rd columns)

#11 (1st column)

#17

#21

#22 (a & c)

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Introductory worksheet.doc
Worksheet - Simplifying Radicals (Square Roots).pdf
arithmetic and geometric sequences.doc
applications of sequences.doc