Beginning Algebra ~ Lesson 41
Work the following examples as you listen to the recorded lecture.

Adding and Subtracting Radicals

Example 1: $4\sqrt{3} - 8\sqrt{3}$

Example 2: $3\sqrt{6} + 8\sqrt{6} - 2\sqrt{6} - 5$

Example 3: $\sqrt{11} + \sqrt{11} + 11$

Example 4: $6\sqrt{5} - 5\sqrt{5} + \sqrt{2}$

Example 5: $\sqrt[3]{18} + \sqrt[3]{18} - 4\sqrt[3]{18}$

Example 6: $\sqrt{8} + \sqrt{9} + \sqrt{18} + \sqrt{81}$

Example 7: $2\sqrt{45} - 2\sqrt{20}$

Example 8: $5\sqrt{x} + 4\sqrt{4x} - 13\sqrt{x}$

Example 9: $\sqrt{3x^3} + 3x\sqrt{x}$

Example 10: $\sqrt[3]{81} + \sqrt[3]{24}$