

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

**WS 14B.1 - Adding & Subtracting Radicals**

#1-10, Simplify each radical expression.	
1. $8\sqrt{5} - 3\sqrt{5}$	2. $6\sqrt[3]{10} + \sqrt[3]{10}$
3. $2\sqrt{27} + 5\sqrt{48}$	4. $6\sqrt[3]{54} + \sqrt[3]{250}$
5. $\sqrt{8} + 2\sqrt{50} - \sqrt{18}$	6. $8\sqrt{72} - 3\sqrt{8} - \sqrt{98}$
7. $\sqrt{12x} - \sqrt{27x} + \sqrt{48x}$	8. $\sqrt{100x^2y} - 2\sqrt{144x^2y} - 5\sqrt{100xy^2}$
9. $\sqrt[3]{216m^5n^{10}} + 2\sqrt[3]{512m^5n^{10}}$	10. $3\sqrt{175a^{10}b^7c^{15}} - 4\sqrt{112a^{10}b^7c^{15}}$