

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 14B.2 - More Adding & Subtracting Radicals

#1-10, Simplify each radical expression.	
1. $2\sqrt{12} - \sqrt{48} + 3\sqrt{27}$	2. $2\sqrt[3]{375} - 7\sqrt[3]{3000}$
3. $-5\sqrt{80} + \sqrt{125} + 10\sqrt{45}$	4. $-\sqrt[3]{432x} + 4\sqrt[3]{686x}$
5. $-3\sqrt{81ab^2} + 2\sqrt{ab^2} - 5\sqrt{9ab^2}$	6. $\sqrt{44n^5} + \sqrt{99n^5}$
7. $-5\sqrt{2^4 \cdot 3^5} - 2\sqrt{3^3 \cdot 4^2}$	8. $-4\sqrt{192j^3k^6} + 6\sqrt{300j^3k^6}$
9. $\sqrt[6]{x^{12}y^8z^{35}} + 3\sqrt[6]{x^{12}y^8z^{35}}$	10. $-3\sqrt{200ab} + 2\sqrt{147ab} - \sqrt{338ab}$