Combining Radicals (add/subtract) - To combine radicals:				
[1]	You <b>MUST</b> have the <u>same</u> radicand.			
[2]	If not, simplify until you have the same radicand.			
	(You may never get the same radicand, but ALWAYS SIMPLIFY)			
[3]	If you have the same radicand, Add/Subtract coefficients and keep the radicand.			
[4]	If, once simplified, you don't have the same radical, include ALL in your answer.			
Special Reminder coefficier Combining Radica	s:• "Like" Radicals – same radicand $\sqrt{3}$ , $4\sqrt{3}$ , $-5\sqrt{3}$ , $x\sqrt{3}$ • "Unlike" Radicals – different radicands $\sqrt{3}$ , $3\sqrt{2}$ , $\sqrt{33}$ , $\sqrt{3x^2}$ • Is is like adding/subtracting fractions (common denominator, combine numerators).			

When simplifying, do your work off to the side to make the problem more organized and easier to solve.

Examples:

1.	$8\sqrt{5}+\sqrt{5}-2\sqrt{5}$	2.	$15\sqrt{y}-7\sqrt{y}$
2		4	
5.	3√50-5√18	7.	$\sqrt{3a^2} + \sqrt{12a^2}$
5.	$5\sqrt{3}+4\sqrt{12}$	6.	$5\sqrt{8}-3\sqrt{18}$
7.	$\sqrt{27} + \sqrt{75}$	8.	$\sqrt{12} - \sqrt{48} + \sqrt{3}$
9.	$3\sqrt{8}-\sqrt{2}$	10.	$\sqrt{80} - \sqrt{5}$
11.	$\sqrt{45} + \sqrt{80}$	12.	$5\sqrt{98} + 3\sqrt{32}$