

AA PREP: OPERATIONS WITH RADICALS (ADDING & SUBTRACTING)—WORKSHEET #1

Perform the operation. Simplify.

1) $\sqrt{3} + \sqrt{3}$	2) $\sqrt{11} - \sqrt{11}$
3) $2\sqrt{5} - 10\sqrt{5}$	4) $8\sqrt{2} + \sqrt{2}$
5) $12\sqrt{7} - \sqrt{7}$	6) $9\sqrt{10} + \sqrt{40}$
7) $\sqrt{15} + \sqrt{5}$	8) $2\sqrt{3} + 2\sqrt{5}$
9) $\sqrt{12} + 5\sqrt{27}$	10) $\sqrt{75} - \sqrt{108}$
11) $\sqrt{100} - 3\sqrt{50} + \sqrt{32}$	12) $\sqrt{7} + 3\sqrt{98} - \sqrt{84}$