Adding and Subtracting

You can only add or subtract radical with the same INDEX and RADICAND

How to add or subtract:

- 1. Simplify the radicals
- 2. Identify radicals and radicand
- 3. Add/subtract the coefficients of like radicals.

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$-3\sqrt{7}-4\sqrt{7}$ $-3\times -4\times$ $-3\times -4\times$ $-7\times$ $-7\times$	2.2\square +6\square 2+6 8\square 5
3. $12\sqrt{50} + 6\sqrt{2}$ $12.5\sqrt{2}$ $60\sqrt{2} + 6\sqrt{2}$ $5\sqrt{2}$ $66\sqrt{2}$	4. $-3\sqrt{45} + 2\sqrt{20} + 3\sqrt{8}$ 4. $-3\sqrt{45} + 2\sqrt{20} + 3\sqrt{8}$ 9. 5. 4. 5. 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.