

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.

1. $-3\sqrt{7} - 4\sqrt{7}$

2. $2\sqrt{5} + 6\sqrt{5}$

3. $12\sqrt{50} + 6\sqrt{2}$

4. $-3\sqrt{45} + 2\sqrt{20} + 3\sqrt{8}$