

Adding/Subtracting Radicals - Three Terms Practice Problems

Simplify.

1) $17\sqrt{6} - 2\sqrt{6} + 3\sqrt{3}$

2) $4\sqrt{2} + 6\sqrt{8} + 3\sqrt{2}$

3) $5\sqrt{7} + 3\sqrt{2} + 6\sqrt{7}$

4) $4\sqrt{2} + 5\sqrt{3} - 2\sqrt{2}$

5) $5\sqrt{13} + 2\sqrt{5} + 2\sqrt{13}$

6) $14\sqrt{11} + 6\sqrt{2} - 6\sqrt{11}$

7) $7\sqrt{5} + 3\sqrt{6} + 5\sqrt{5}$

8) $6\sqrt{3} - 4\sqrt{3} + 5\sqrt{2}$

9) $17\sqrt{10} + 2\sqrt{2} + 2\sqrt{10}$

10) $9\sqrt{7} - 2\sqrt{7} + 6\sqrt{2}$

Answers to Adding/Subtracting Radicals - Three Terms Practice Problems

1) $15\sqrt{6} + 3\sqrt{3}$

2) $7\sqrt{2} + 6\sqrt{8}$

3) $11\sqrt{7} + 3\sqrt{2}$

4) $2\sqrt{2} + 5\sqrt{3}$

5) $7\sqrt{13} + 2\sqrt{5}$

6) $8\sqrt{11} + 6\sqrt{2}$

7) $12\sqrt{5} + 3\sqrt{6}$

8) $2\sqrt{3} + 4\sqrt{3}$

9) $19\sqrt{10} + 2\sqrt{2}$

10) $7\sqrt{7} + 6\sqrt{2}$