

Name: _____

Adding and Subtracting Radical Expressions

Simplify each expression.

1) $9\sqrt{15} + 6\sqrt{15}$

2) $4\sqrt[3]{56} - 3\sqrt[3]{7}$

3) $11\sqrt{3} - 3\sqrt{3} +$

$2\sqrt[3]{2} - \sqrt[3]{54}$

5) $10\sqrt[3]{9} - 8\sqrt[3]{72}$

$+ 21\sqrt{10} + 17\sqrt{10}$

7) $20\sqrt{2} - 12\sqrt{6} - 16\sqrt{2}$

8) $-2\sqrt{12} + \sqrt{48}$

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