

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Adding and Subtracting Radical Expressions

Simplify the Radical Expressions.

1)  $\sqrt{8} - \sqrt{24} - \sqrt{32}$

6)  $-9\sqrt{6} + 9\sqrt{54}$

2)  $4\sqrt{112} - 7\sqrt{112}$

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

3)  $-\sqrt{11} - \sqrt{11} + \sqrt{99}$

8)  $-7\sqrt{20} + 2\sqrt{20} + 2\sqrt{20}$

4)  $8\sqrt{7} - 5\sqrt{7}$

9)  $\sqrt{44} + \sqrt{24} + \sqrt{176} + \sqrt{54}$

5)  $\sqrt{45} - \sqrt{45}$

10)  $5\sqrt{2} + 7\sqrt{2} + 2\sqrt{2}$