

Name _____ Date: _____

HW - Adding and Subtracting Radicals

1. $9\sqrt{3} + 2\sqrt{6} - 7\sqrt{3}$

2. $5\sqrt{2} + \sqrt{8}$

3. $3\sqrt{5} - 12\sqrt{5}$

4. $5\sqrt{7} - 4\sqrt{2} + 3\sqrt{7}$

5. $3\sqrt{3} + 12\sqrt{3}$

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

7. $6\sqrt{3} - 1\sqrt{3} + 3\sqrt{3}$

8. $\sqrt{5} + \sqrt{3} + 2\sqrt{5}$

9. $4\sqrt{6} - 5\sqrt{6}$

10. $8\sqrt{2} + 3\sqrt{2}$

11. $3\sqrt{5} - 4\sqrt{2} + 2\sqrt{5}$

12. $6\sqrt{3} + 2\sqrt{3} + 4\sqrt{3}$

13. $7\sqrt{2} + 3\sqrt{2}$

14. $5\sqrt{3} - 2\sqrt{3}$

15. $\sqrt{7} + \sqrt{24} - \sqrt{6}$

16. $\sqrt{20} + \sqrt{5} + 3\sqrt{5}$