

Teacher: _____

Algebra 1-B
Adding & Subtracting Radicals WS 10.3 a

Name _____

Date _____ Period _____

Add or subtract and simplify.

1. $-9\sqrt{7} - 2\sqrt{7}$

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

3. $-11\sqrt[3]{21} - 11\sqrt{21}$

4. $12\sqrt{15} - 10\sqrt{15}$

5. $12\sqrt[3]{7} - 14\sqrt[3]{7}$

6. $-3\sqrt{17} + 4\sqrt{17}$

7. $-5\sqrt{3} + 6\sqrt{27}$

8. $-2\sqrt{6} - 2\sqrt{24}$

9. $7\sqrt{6} - (-9\sqrt{54})$

10. $-2\sqrt{12} + 13\sqrt{3}$

11. $5\sqrt[3]{3} + 5$

12. $5\sqrt{5} - \sqrt{125}$

13. $3\sqrt{8} - 6\sqrt{2}$

14. $-17\sqrt{1} + 17\sqrt{1}$

15. $-35\sqrt{20} - 9\sqrt[4]{5}$

16. $2\sqrt{45} - 2\sqrt{5}$

17. $3\sqrt{18} + 3\sqrt{12} + 2\sqrt{27}$

18. $-3\sqrt{5} - \sqrt{6} - \sqrt{5}$