

Name:

Date:

Period:

Simplify.

1. $3\sqrt{6} - 4\sqrt{6}$

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

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

4. $-9\sqrt{15} + 10\sqrt{15}$

5. $-10\sqrt{7} + 12\sqrt{7}$

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

7. $-10\sqrt{11} - 11\sqrt{11}$

8. $-2\sqrt{3} + 3\sqrt{27}$

9. $2\sqrt{6} - 2\sqrt{24}$

10. $2\sqrt{6} + 3\sqrt{54}$

11. $-\sqrt{12} + 3\sqrt{3}$

12. $3\sqrt{3} - \sqrt{27}$

13. $3\sqrt{8} + 3\sqrt{2}$

14. $-3\sqrt{6} + 3\sqrt{6}$

15. $-3\sqrt{20} - \sqrt{5}$

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

17. $3\sqrt{18} - 2\sqrt{2}$

18. $-3\sqrt{18} + 3\sqrt{8} - \sqrt{24}$

19. $3\sqrt{18} + 3\sqrt{12} + 2\sqrt{27}$

20. $-3\sqrt{5} - \sqrt{6} - \sqrt{5}$

21. $-3\sqrt{2} + 3\sqrt{20} - 3\sqrt{8}$

22. $-3\sqrt{3} - \sqrt{8} - 3\sqrt{3}$

23. $-2\sqrt{20} + 2\sqrt{18} - 2\sqrt{5}$

24. $2\sqrt{18} - 2\sqrt{12} + 2\sqrt{18}$

25. $-\sqrt{45} + 2\sqrt{5} - \sqrt{20} - 2\sqrt{6}$

26. $2\sqrt{20} - \sqrt{20} + 3\sqrt{20} - 2\sqrt{45}$