Operations with radicals

Name _____ Date _____

1. $3\sqrt{7} + 8\sqrt{7} =$ _____
2. $6\sqrt{10} \times 5\sqrt{10} =$ _____
3. $6\sqrt{7} - 3\sqrt{7} =$ _____
4. $7\sqrt{10} \times 6\sqrt{10} =$ _____
5. $4\sqrt{15} + 4\sqrt{15} =$ _____
6. $4\sqrt{15} \times 9\sqrt{15} =$ _____
7. $7\sqrt{15} + 6\sqrt{15} =$ _____
8. $\sqrt{6} \times \sqrt{2} =$ _____
9. $3\sqrt{10} \times 4\sqrt{10} =$ _____
10. $10\sqrt{14} - 5\sqrt{14} =$ _____
11. $\sqrt{10} \times \sqrt{8} =$ _____
12. $9\sqrt{2} \times 2\sqrt{2} =$ _____
13. $5\sqrt{7} - \sqrt{7} =$ _____
14. $8\sqrt{6} - \sqrt{6} =$ _____
15. $4\sqrt{10} + 2\sqrt{10} =$ _____
16. $\sqrt{13} \times \sqrt{18} =$ _____
17. $9\sqrt{10} - 2\sqrt{10} =$ _____
18. $5\sqrt{6} - \sqrt{6} =$ _____
19. $9\sqrt{5} + \sqrt{5} =$ _____
20. $\sqrt{19} \times \sqrt{16} =$ _____

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21. $\sqrt{13} \times \sqrt{8} =$ _____

22. $2\sqrt{3} + 3\sqrt{3} =$ _____

23. $\sqrt{18} \times \sqrt{16} =$ _____

24. $\sqrt{7} \times \sqrt{9} =$ _____

25. $5\sqrt{2} \times 6\sqrt{2} =$ _____

26. $7\sqrt{5} + 9\sqrt{5} =$ _____

27. $8\sqrt{11} + 5\sqrt{11} =$ _____

28. $\sqrt{10} \times \sqrt{12} =$ _____

29. $7\sqrt{3} + 6\sqrt{3} =$ _____

30. $3\sqrt{11} \times 9\sqrt{11} =$ _____

31. $5\sqrt{3} - 4\sqrt{3} =$ _____

32. $5\sqrt{14} + 8\sqrt{14} =$ _____

33. $9\sqrt{7} - 7\sqrt{7} =$ _____

34. $\sqrt{3} \times 5\sqrt{3} =$ _____

35. $5\sqrt{6} + 5\sqrt{6} =$ _____

36. $6\sqrt{5} \times \sqrt{5} =$ _____

37. $\sqrt{3} \times \sqrt{12} =$ _____

38. $\sqrt{2} \times \sqrt{14} =$ _____

39. $5\sqrt{5} \times 4\sqrt{5} =$ _____

40. $\sqrt{12} \times \sqrt{19} =$ _____