

Radical Review – Add and Subtract***SHOW WORK!*****Adding and Subtracting Radicals Think “like terms”**

1. $3\sqrt{5} + 5\sqrt{5}$

2. $4\sqrt{7} + 11\sqrt{7}$

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

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

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

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

7. $9\sqrt{3} + 4\sqrt{3} - \sqrt{2}$

8. $\sqrt{6} + \sqrt{54}$

9. $3\sqrt{3} - \sqrt{27}$

10. $\sqrt{6} - 2\sqrt{14}$

11. $\sqrt{18} - 2\sqrt{2}$

12. $3\sqrt{2} + \sqrt{2} - \sqrt{8}$

13. $3\sqrt{5} - 4\sqrt{5} - \sqrt{2} - 2\sqrt{5}$

14. $3\sqrt{5} + 2\sqrt{2} + 7\sqrt{8} + 3\sqrt{7}$

Geometry

Name _____

Radical Review – Add and Subtract

SHOW WORK!

Adding and Subtracting Radicals **Think “like terms”**

15. $4\sqrt{3} + 5\sqrt{3}$

16. $-2\sqrt{5} + 6\sqrt{5}$

17. $5\sqrt{5} + \sqrt{5} - 2\sqrt{5}$

18. $\sqrt{7} + 2\sqrt{7} - \sqrt{7}$

19. $\sqrt{2} + 2\sqrt{11} - 5\sqrt{2} - 7\sqrt{11}$

20. $-4\sqrt{3} + 4\sqrt{3} - \sqrt{2}$

21. $\sqrt{12} + \sqrt{75}$

22. $2\sqrt{6} - 2\sqrt{24}$

23. $\sqrt{16} + \sqrt{25}$

24. $3\sqrt{3} - 2\sqrt{27}$

25. $\sqrt{32} - 2\sqrt{2}$

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

27. $\sqrt{5} + 2\sqrt{5} - \sqrt{2} - 2\sqrt{2}$

28. $-3\sqrt{5} + 2\sqrt{5} + 3\sqrt{6} - 3\sqrt{2}$