

Simplifying Radicals

Name _____

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|------------------|------------------|------------------|
| 1. $\sqrt{48}$ | 2. $\sqrt{75}$ | 3. $\sqrt{12}$ |
| 4. $\sqrt{125}$ | 5. $\sqrt{20}$ | 6. $\sqrt{121}$ |
| 7. $\sqrt{18}$ | 8. $\sqrt{27}$ | 9. $\sqrt{32}$ |
| 10. $\sqrt{648}$ | 11. $\sqrt{72}$ | 12. $\sqrt{175}$ |
| 13. $\sqrt{80}$ | 14. $\sqrt{294}$ | 15. $\sqrt{600}$ |

| | | |
|--------------------------|------------------------------|-----------------------|
| 16. $4\sqrt{8}$ | 17. $2\sqrt{27}$ | 18. $4\sqrt{320}$ |
| 19. $5\sqrt{64}$ | 20. $2\sqrt{150}$ | 21. $5\sqrt{125}$ |
| 22. $\sqrt{28x}$ | 23. $\sqrt{12n^2}$ | 24. $\sqrt{16r^3}$ |
| 25. $\sqrt{448x^7}$ | 26. $\sqrt{48n^4}$ | 27. $\sqrt{72b^2}$ |
| 28. $\sqrt{18a^5b^2c^3}$ | 29. $4\sqrt{20w^{10}x^9y^2}$ | 30. $-3\sqrt{24xy^8}$ |