

NAME _____

DATE _____

Module 17 Simplifying Radical Expressions
Lesson 1 Simplifying Radicals

**additional
practice**

Simplify.

- | | |
|----------------------------|---------------------------|
| 1. $\sqrt{16}$ _____ | 2. $\sqrt{100}$ _____ |
| 3. $\sqrt{28}$ _____ | 4. $\sqrt{27}$ _____ |
| 5. $\sqrt{24}$ _____ | 6. $\sqrt{216}$ _____ |
| 7. $\sqrt{180}$ _____ | 8. $\sqrt{192}$ _____ |
| 9. $\sqrt{-27}$ _____ | 10. $-\sqrt{40}$ _____ |
| 11. $-\sqrt{200}$ _____ | 12. $-\sqrt{8}$ _____ |
| 13. $-\sqrt{243}$ _____ | 14. $\sqrt{-182}$ _____ |
| 15. $\sqrt[3]{40}$ _____ | 16. $\sqrt[3]{250}$ _____ |
| 17. $-\sqrt[3]{128}$ _____ | 18. $\sqrt[3]{-8}$ _____ |
| 19. $\sqrt[3]{189}$ _____ | 20. $\sqrt[3]{-81}$ _____ |



