

NAME _____

DATE _____

Module 1 Getting Ready for Algebra
Lesson 4 Simplifying Expressions with Exponents and Roots



Simplify.

- | | |
|-----------------------------------|-----------------------------------|
| 1. 1^3 | 2. 2^6 |
| _____ | _____ |
| 3. $\left(\frac{2}{5}\right)^2$ | 4. 9^0 |
| _____ | _____ |
| 5. 7^3 | 6. $\left(\frac{3}{4}\right)^4$ |
| _____ | _____ |
| 7. 11^1 | 8. 5^4 |
| _____ | _____ |
| 9. $(-5)^3$ | 10. $\left(-\frac{1}{3}\right)^4$ |
| _____ | _____ |
| 11. $(-3)^2$ | 12. $(-2)^3$ |
| _____ | _____ |
| 13. $\left(-\frac{3}{7}\right)^2$ | 14. $(-1)^9$ |
| _____ | _____ |
| 15. $\sqrt{400}$ | 16. $\sqrt{16}$ |
| _____ | _____ |
| 17. $\sqrt[3]{216}$ | 18. $\sqrt[3]{-\frac{1}{8}}$ |
| _____ | _____ |
| 19. $\sqrt[3]{\frac{8}{27}}$ | 20. $\sqrt{196}$ |
| _____ | _____ |

© 2003 BestQuest



