

Radical Form to Rational Exponents

Unit 1: Extending the Number System

1. $(\sqrt[4]{10})^3$	2. $(\sqrt[2]{7})^3$
3. $(\sqrt[4]{2})^5$	4. $(\sqrt[3]{5})^4$
5. $(\sqrt[3]{7p})^4$	6. \sqrt{a}
7. $\sqrt{5x}$	8. $(\sqrt[3]{7k})^2$
9. $(\sqrt[3]{7n})^4$	10. $(\sqrt[3]{4x})^2$

11. $\frac{1}{(\sqrt[3]{4a})^2}$

12. $\frac{1}{(\sqrt{k})^3}$

13. $\sqrt[3]{5b}$

14. $(\sqrt[3]{6m})^5$

15. $(\sqrt[4]{n})^5$

16. $(\sqrt[3]{3k})^4$

17. $(\sqrt[4]{x})^3$

18. $(\sqrt[3]{x})^5$

19. $(\sqrt[6]{10n})^5$

20. $(\sqrt{6r})^5$