

Applied Algebra 2

7.1 Worksheet -> Solving Rational Equations

Solve each equation. Write your answer in radical form.

1. $x^5 = 243$

6. $-12x^4 = -48$

2. $6x^3 = -1296$

7. $(x + 12)^3 = 21$

3. $x^6 + 10 = 10$

8. $x^3 - 14 = 22$

4. $(x - 4)^4 = 81$

9. $x^8 - 25 = -10$

5. $-x^7 = 40$

10. $2x^4 = 162$