

Homework

p. 456: 3, 7, 11, 13, 17, 21, 27, 29

EQUATIONS WITH SQUARE ROOTS Solve the equation. Check your solution.

3. $\sqrt{5x + 1} = 6$ 7. $-2\sqrt{24x} + 13 = -11$ 11. $\sqrt{-2x + 3} - 2 = 10$

EQUATIONS WITH CUBE ROOTS Solve the equation. Check your solution.

13. $\sqrt[3]{x} - 10 = -3$ 17. $-5\sqrt[3]{8x} + 12 = -8$ 21. $-4\sqrt[3]{x + 10} + 3 = 15$

EQUATIONS WITH RATIONAL EXPONENTS Solve the equation. Check your solution.

27. $\frac{1}{7}(x + 9)^{3/2} = 49$ 29. $\left(\frac{1}{3}x - 11\right)^{1/2} = 5$