

NOTES – RADICAL FUNCTIONS

SOLVE RADICAL EQUATIONS

PRACTICE

1. $-7 + \sqrt[3]{x + 18} = -2$	CHECK:
2. $17 = (50x)^{\frac{1}{2}} + 7$	CHECK:
3. $\sqrt[3]{3x} = \sqrt[3]{2x + 3}$	CHECK:
4. $x = (8x - 15)^{\frac{1}{2}}$	CHECK:
5. $x = \sqrt{-72 + 18x}$	CHECK:

Solving Radical Equations

Name: _____ Date: _____ Period: _____

Solve each radical equation and check your solution.

1. $6 = (2x + 34)^{\frac{1}{2}}$	CHECK:
2. $-2 = \frac{\sqrt{4 - 7k}}{3} - 5$	CHECK:
3. $-4(n + 1)^{\frac{1}{3}} = -12$	CHECK:
4. $-20 = -5x^{\frac{1}{3}} - 10$	CHECK:
5. $\sqrt{2x + 19} = \sqrt{-8 - x}$	CHECK: