

Algebra II

7-4

Equations in the Quadratic Form

Solve each equation. (pg 324)

1a) $(x + 3)^2 - 5(x + 3) + 4 = 0$

1b) $(2x - 1)^2 - 5(2x - 1) + 4 = 0$

1c) $x^4 - 5x^2 + 4 = 0$

$$13) \left(\frac{1+x}{2}\right)^2 - 3\left(\frac{1+x}{2}\right) = 18$$

$$17) x - 10 = 3\sqrt{x}$$

Solve each equation. Approximate real solutions to the nearest hundredth.

$$21) 3|x|^2 = 7|x| + 5$$

Assignment:
Pg. 324
2-26 even