

D7 Homework Alg 3 – 4

5 – 7.) Solve each equation below

a. $2(x - 1)^2 + 7 = 39$

c. $4 - 3|3x + 5| = -19$

b. $7\sqrt{m + 1} - 3 = 18$

d. $-2|x + 1| = 10$

5 – 20.) Solve the equation below for x. Be sure to check for extraneous solutions

a. $-3\sqrt{2x - 5} + 7 = -8$

5 – 38.) Solve each equation below

a. $3(y + 1)^2 - 5 = 43$

c. $\sqrt{1 - 4x} = 10$

b. $\sqrt[3]{1 - 2x} = 3$