

Unit 6.7 Solving Radical Equations

1. Solve the radical expression for x. If there is more than one solution, separate with a comma, if no solution write NaN

a. $\sqrt{x} = 6$

b. $\sqrt{2x - 5} = 3$

c. $\sqrt{5x - 6} = x$

d. $5 = 11 - 2\sqrt{x + 3}$

e. $x = \sqrt{10x - 16}$

f. $x - 2 = \sqrt{14 - x}$

g. $\sqrt{5x + 34} = \sqrt{x + 22}$

h. $\sqrt{33 + 8x} - \sqrt{12 + 2x} = 3$