

Here we are getting the radical by itself (if it isn't already by itself), then squaring, and solving the resulting linear equation.

1. $\sqrt{x - 1} + 7 = 9$	6. $\sqrt{5x + 46} - 3 = 1$ $x = -6$
2. $\sqrt{x + 9} - 1 = 11$ $x = 135$	7. $\sqrt{3x - 11} + 5 = 7$
3. $\sqrt{2x + 18} - 3 = 7$	8. $\sqrt{x + 3} - 6 = -1$ $x = 22$
4. $\sqrt{5x - 1} - 5 = 3$ $x = 13$	
5. $\sqrt{4x - 3} - 7 = -6$	