

Radical Equations

Solve each equation. Find the unknown variable.

1 $\sqrt{l+2} + \sqrt{l-1} = 3$

2 $-3 + \sqrt{m+59} = m$

3 $-v + \sqrt{4v-12} = -2$

4 $\sqrt{1-q} = \sqrt{-8-2q}$

5 $2\sqrt{3w-5} - 3\sqrt{w+1} = 0$

6 $\sqrt{-1-2n} = n$

7 $6\sqrt{9x} = 18$

8 $11 = 2 + \sqrt{80p+1}$

9 $r = \sqrt{-4+4r}$

10 $\sqrt{-45+14n} = n$