

Solving Square Root EQs

Solve each equation. Remember to check for extraneous solutions.

1) $\sqrt{7n} = 7$

2) $7\sqrt{n-7} = 28$

3) $-9 + \sqrt{\frac{b}{9}} = 0$

4) $\sqrt{3x} - 7 = 2$

5) $\sqrt{p+1} = 9$

6) $-5 + \sqrt{3n+4} = -4$

7) $-3\sqrt{x+9} = -18$

8) $14 = 2\sqrt{-7-8b}$

9) $4 = \sqrt{\frac{r}{10}}$

10) $12 = 10 + \sqrt{2-k}$