

Name:

Date: Score:

Radical Equations

Solve each equation to find the value of the unknown variable

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

2 $10\sqrt{9g} = 60$

3 $\sqrt{x} + \sqrt{x+11} = 11$

4 $\sqrt[4]{2p+2} = 3$

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

6 $\sqrt{2b+3} = \sqrt{5b-3}$

7 $2f = \sqrt{4f^2 + 6x - 12}$

8 $\sqrt{2t+15} = t$

9 $2\sqrt{x+1} - \sqrt{2x} = \sqrt{x-4}$

10 $10 + \sqrt{10m-1} = 13$