

Name : _____

Score : _____

Teacher : _____

Date : _____

Solving Radical Equations

Solve the Radical Equations. Multiple Solutions may exist.

1) $\sqrt{b} = 4$

6) $-6 + \sqrt{k+2} = 4$

2) $-4 + \sqrt{c-11} = 7$

7) $\sqrt{30-n} = n$

3) $\sqrt{4d+7} = \sqrt{5d-2}$

8) $\sqrt{6p+2} = \sqrt{5p-11}$

4) $\sqrt{g+3} = 4$

9) $\sqrt{30-q} = q$

5) $\sqrt{h} = 3$

10) $\sqrt{5r} = r$



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Solving Radical Equations

Solve the Radical Equations. Multiple Solutions may exist.

1) $\sqrt{b} = 4$

$b = 16$

6) $-6 + \sqrt{k+2} = 4$

$k = 98$

2) $-4 + \sqrt{c-11} = 7$

$c = 132$

7) $\sqrt{30-n} = n$

$n = \{5, -6\}$

3) $\sqrt{4d+7} = \sqrt{5d-2}$

$d = 9$

8) $\sqrt{6p+2} = \sqrt{5p-11}$

$p = -13$

4) $\sqrt{g+3} = 4$

$g = 13$

9) $\sqrt{30-q} = q$

$q = \{5, -6\}$

5) $\sqrt{h} = 3$

$h = 9$

10) $\sqrt{5r} = r$

$r = \{0, 5\}$

