

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

---

### Solving Radical Equations

Solve the Radical Equations. Multiple Solutions may exist.

1)  $\sqrt{3b} = 3$

6)  $\sqrt{4k + 6} = \sqrt{6k - 14}$

2)  $3\sqrt{4c} = 18$

7)  $\sqrt{20 - n} = n$

3)  $-6 + \sqrt{d - 3} = 2$

8)  $\frac{\sqrt{p}}{k} = \sqrt{\quad}$

3)  $c^5 \cdot c^6 \cdot c^4$

9)  $\frac{k^2}{k^8}$

4)  $\frac{6bg^{-2}}{8b^{-8}g^4}$

10)  $z^3w^{-6} \cdot 8z^{-6}w^4 \cdot 4zw^5$

5)  $\frac{2b^8n^3}{5bn^9}$

11)  $wb \cdot 6w^6b^4$

9)  $d^8$