

PRACTICE Quiz 5.5 Solving Radical Equations**Solve each equation. Show all work for credit.**

1) $-7 = \sqrt{29 - 2x} - 10$

2) $10 = 9 + \sqrt{2r - 17}$

3) $-5 = -8 + \sqrt{n + 10}$

4) $8 = \sqrt{31n + 2}$

5) $\sqrt{6 - n} = \sqrt{-2 - 3n}$

6) $\sqrt{2x} = \sqrt{3x - 1}$

7) $\sqrt{-1 - p} = \sqrt{3p + 39}$

8) $\sqrt{6x + 1} = \sqrt{7x}$

PRACTICE Quiz 5.5 Solving Radical Equations**Solve each equation. Show all work for credit.**

1) $-7 = \sqrt{29 - 2x} - 10$

 $\{-10\}$

2) $10 = 9 + \sqrt{2r - 17}$

 $\{9\}$

3) $-5 = -8 + \sqrt{n + 10}$

 $\{-1\}$

4) $8 = \sqrt{31n + 2}$

 $\{2\}$

5) $\sqrt{6 - n} = \sqrt{-2 - 3n}$

 $\{-4\}$

6) $\sqrt{2x} = \sqrt{3x - 1}$

 $\{1\}$

7) $\sqrt{-1 - p} = \sqrt{3p + 39}$

 $\{-10\}$

8) $\sqrt{6x + 1} = \sqrt{7x}$

 $\{1\}$