Algebra 1 ECA Remediation   Name_____

Homework 39.3
Solve each equation. Remember to check for extraneous solutions.

1) $\sqrt{x} = 1$

2) $\sqrt{p-2} = 5$

3) $-2 + \sqrt{7r+11} = 7$

4) $\sqrt{11-m} = 1$

5) $\sqrt{34-2x} = 4$

6) $9 + \sqrt{\dfrac{n}{8}} = 14$

Solve each system by elimination.

7) $-2x - 10y = -28$
   $5x - 20y = 25$

8) $5x - 4y = 8$
   $-10x - y = 2$

Write the slope-intercept form of the equation of the line through the given points.

9) through: $(-1, 4)$ and $(-1, -1)$

10) through: $(-2, 4)$ and $(5, 0)$

Answers to Homework 39.3

1) $\{1\}$

2) $\{27\}$

3) $\{10\}$

4) $\{10\}$

5) $\{9\}$

6) $\{200\}$

7) $(9, 1)$

8) $(0, -2)$

9) $x = -1$

10) $y = -\dfrac{4}{7}x + \dfrac{20}{7}$