Algebra 1   Name_____

Q2 Exam Review: Solving systems Algebraically   Date_____ Alg_____

Solve each system by elimination.

1) $-6x + 6y = 18$
   $-x - y = -5$

2) $-6 = -2y + 2x$
   $-10y = 12 - 4x$

Solve the following using any method you choose. Write the method you chose.

3) $2y - 10 = 2x$
   $10 = -10y - 2x$

4) $-4x + 3y = 8$
   $y = -2x + 6$

5) $5x - y = 20$
   $x + y = -2$

6) $-x - 3y = -3$
   $-5x - 4y = -4$

7) $0 = -2x + 3y - 1$
   $4 + 12y = 8x$

8) $3y + 7x = 8$
   $-8x - 12 = 14y$

Answers to Q2 Exam Review: Solving systems Algebraically

1) $(1, 4)$

2) $(-7, -4)$

3) $(-5, 0)$

4) $(1, 4)$

5) $(3, -5)$

6) $(0, 1)$

7) No solution

8) $(2, -2)$