Name: _____ Date: _____

Fresh Math

Algebra 1 - Unit 5 - Systems of Equations (Hard)

1. $2x + 2y = 0$
   $4x - 6y = -20$

2. $6x + 3y = -39$
   $2x + 4y = -28$

3. $4x + 7y = -20$
   $3x - 6y = 30$

4. $4x + 6y = 52$
   $3x + 7y = 54$

5. $4x + 4y = -4$
   $9x - 9y = 99$

6. $5x + 7y = 61$
   $4x + 4y = 44$

7. $8x + 8y = 16$
   $4x + 3y = 3$

8. $4x + 4y = 4$
   $9x - 3y = 33$

Algebra 1 - Unit 5 - Systems of Equations (Hard) - Answer Key

1. $2x + 2y = 0$
   $4x - 6y = -20$
   $(-2, 2)$

2. $6x + 3y = -39$
   $2x + 4y = -28$
   $(-4, -5)$

3. $4x + 7y = -20$
   $3x - 6y = 30$
   $(2, -4)$

4. $4x + 6y = 52$
   $3x + 7y = 54$
   $(4, 6)$

5. $4x + 4y = -4$
   $9x - 9y = 99$
   $(5, -6)$

6. $5x + 7y = 61$
   $4x + 4y = 44$
   $(8, 3)$

7. $8x + 8y = 16$
   $4x + 3y = 3$
   $(-3, 5)$

8. $4x + 4y = 4$
   $9x - 3y = 33$
   $(3, -2)$