Systems of Equations

1. $5x + 7y = -25$
   $9x - 6y = -45$

5. $7x + 8y = -47$
   $3x - 6y = 27$

2. $4x + 2y = 4$
   $7x + 8y = 43$

6. $2x + 6y = -26$
   $4x + 9y = -37$

3. $8x + 7y = 38$
   $7x - 4y = -68$

7. $2x + 6y = 10$
   $8x + 4y = 0$

4. $6x + 4y = 36$
   $2x - 3y = 25$

8. $5x + 8y = 18$
   $3x + 9y = 15$

Systems of Equations – Answer Key

1. $5x + 7y = -25$
   $9x - 6y = -45$

   (-5, 0)

2. $4x + 2y = 4$
   $7x + 8y = 43$

   (-3, 8)

3. $8x + 7y = 38$
   $7x - 4y = -68$

   (-4, 10)

4. $6x + 4y = 36$
   $2x - 3y = 25$

   (8, -3)

5. $7x + 8y = -47$
   $3x - 6y = 27$

   (-1, -5)

6. $2x + 6y = -26$
   $4x + 9y = -37$

   (2, -5)

7. $2x + 6y = 10$
   $8x + 4y = 0$

   (-1, 2)

8. $5x + 8y = 18$
   $3x + 9y = 15$

   (2, 1)