

**Summer Assignment Review- Solving Systems of Linear Equations using Substitution**

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**Solve each system by substitution. Write your answer as an ordered pair.**

1)  $y = x + 5$   
 $-7x + 2y = 5$

2)  $3x + 2y = 8$   
 $y = 7x + 4$

3)  $-7x - 6y = -15$   
 $y = -5x - 9$

4)  $y = -5x - 12$   
 $8x + 3y = -8$

5)  $y = 3x + 9$   
 $-x + 2y = -7$

6)  $y = 2$   
 $-x + 5y = 11$

7)  $-2x + y = -11$   
 $-2x + 4y = -2$

8)  $5x + 2y = 20$   
 $x + 4y = 4$

9)  $-3x - 5y = 5$   
 $7x + y = -1$

10)  $-6x + 8y = 24$   
 $x - 5y = -15$

11)  $y = 4$   
 $8x + 2y = 8$

12)  $5x - 2y = -24$   
 $3x + y = -10$

# Answers to Summer Assignment Review- Solving Systems of Linear Equations using Substitution

1)  $(1, 6)$

2)  $(0, 4)$

3)  $(-3, 6)$

4)  $(-4, 8)$

5)  $(-5, -6)$

6)  $(-1, 2)$

7)  $(7, 3)$

8)  $(4, 0)$

9)  $(0, -1)$

10)  $(0, 3)$

11)  $(0, 4)$

12)  $(-4, 2)$