

Solve each system of linear equations by elimination. List your answer as an ordered pair  $(x,y)$ .

1.)  $5x - 2y = 4$   
 $3x + y = 9$

2.)  $7x - 3y = -5$   
 $3x + 2y = 11$

Solve each system of linear equations by substitution. List your answer as an ordered pair  $(x,y)$ .

3.)  $5x + 6y = -11$   
 $3x + y = -4$

4.)  $4x - 3y = -20$   
 $-x - 8y = 5$

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**Hint: Eliminate y first!**

5.)  $x^2 + x - y = -1$   
 $x + y = 4$

6.)  $x^2 - 5x - y = 2$   
 $x^2 + 2x + y = 0$

Hint: Eliminate y first!

Solve each system of linear equations by substitution. List your answer as an ordered pair  $(x,y)$ .

7.)  $y = -x^2 + 4$   
 $y = -4x + 8$

8.)  $x^2 + 3x + y = 0$   
 $2x + y = 5$