

Wisdom Lane Middle School  
Name: \_\_\_\_\_  
Teacher: Mr. Tomeo

# Homework #63

Date: \_\_\_\_\_  
Period: \_\_\_\_\_

## Systems of Equations (Substitution 1)

• The **solution** to a **system of linear equations** is the **point of intersection** of the two graphs. For each of the following **systems of equations** use the **method of substitution** to find the solution.

1.  $y = x - 6$   
 $y = 8x + 1$

5.  $y = -4x + 24$   
 $y = -3x + 17$

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

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

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

7.  $y = 2x + 6$   
 $y = x$

4.  $y = 8$   
 $y = x + 1$

8.  $y = x - 12$   
 $y = -x - 2$