

Name: \_\_\_\_\_

**Unit 5 Test**

Date: \_\_\_\_\_ Bell: \_\_\_\_\_

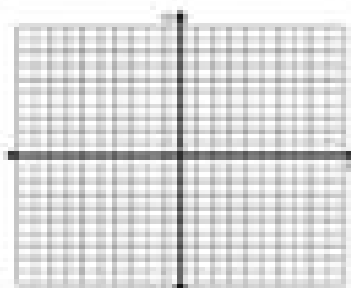
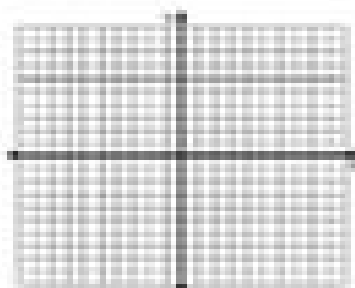
**Systems of Equations & Inequalities**

**SHOW ALL WORKS NEEDED TO ANSWER EACH QUESTION!  
PLACE YOUR FINAL ANSWER ON THE LINE. Good Luck!**

**For Questions 1 – 2, solve the system by graphing.**

1.  $x + y = 4$   
 $2x - 3y = 18$

2.  $y = -2x + 3$   
 $5x + 4y = 12$



**ANSWERS:**

1. \_\_\_\_\_

2. \_\_\_\_\_

**For Questions 3 – 4, solve the system by substitution.**

3.  $4x + 2y = -26$   
 $x - 4y = 21$

4.  $5x + y = -28$   
 $4x - 2y = -8$

3. \_\_\_\_\_

4. \_\_\_\_\_

**For Questions 5 – 6, solve the system by elimination.**

5.  $x + 2y = -14$   
 $x + y = 13$

6.  $2x + 3y = 23$   
 $x + 3y = -28$

5. \_\_\_\_\_

6. \_\_\_\_\_